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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]
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PATENTS AND DESIGNS

Kolkata, the 24th August 2002

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587 1257, 587 1258, 587 7245
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CHENNAI-600 018.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu and
Pondicherry and the Union
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Telegraphic Address "PATENTOFIS"
Phone No. (044) 431 4324/4325/4326.
Fax No. (044) 431 4750/4751

4. Patent Office (Head Office),
Nizam Palace, 2nd M.S.O. Building,
5th, 6th & 7th Floor,
234/4, Acharya Jagadish Bose Road,
KOLKATA-700 020.

Rest of India.

Telegraphic Address "PATENTS"
Phone No. (033) 247 4401, 247 4402, 247 4403.
Fax No. (033) 247 3851, (033) 240 1353.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 as amended the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by The Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

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पेटेंट कार्यालय
एकस्व तथा अधिकल्प

कोलकाता, दिनांक 24 अगस्त 2002

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

पेटेंट कार्यालय शाखा,
टोडी इस्टेट, तीसरा तल,
सन मिल्स कॉम्पाउंड,
लोअर पेलेस (वेस्ट),
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश,
गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव,
दादर और नगर हवेली।

तार पता - "पेटेंटोफिस"
फोन - (022) 492 4058, 496 1370, 490 3684.
फैक्स - (022) 490 3852.

2. पेटेंट कार्यालय शाखा,
ब्ल्यू-5, वेस्ट पेटेल नगर,
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटोफिस"
फोन - (011) 587 1255, 587 1256, 587 1257,
587 1258, 587 7245
फैक्स - (011) 587 6209, 587 2532.

3. पेटेंट कार्यालय शाखा,
गुना कॉम्प्लेक्स, छठा तल, एनेक्स-II,
443, अन्नासलाई, तेनामपेट,
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
शासित क्षेत्र, लक्षद्वीप।

तार पता - "पेटेंटोफिस"
फोन - (044) 431 4324/4325/4326.
फैक्स - (044) 431 4750/4751.

4. पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5वां, 6ठा व 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"
फोन - (033) 247 4401, 247 4402, 247 4403
फैक्स - (033) 247 3851, (033) 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है।

THE PATENT OFFICE
APPLICATION FOR THE PATENT FILED AT THE HEAD
OFFICE
234/4 ACHARYA JAGDISH BOSE ROAD

Calcutta-700 020, the 24th August 2002

The dates shown in the crecent bracket are the dated claimed under section 135, under Patent Act, 1970.

26.6.2002

388/Cal/2002: HSUEH CHU YU. FOLDABLE BICYCLE PEDAL CRANK.

389/Cal/2002: MITSUI CHEMICALS INC. A METHOD FOR PREPARING A RUBBER COMPOSITION.
(Convention No.7-353315/1995 filed on 29.12.95 in Japan.)
(Divided out of No. 2242/Cal/96 antedated to 24.12.96.)

27.6.2002

390/Cal/2002: PAI LUNG MACHINERY MILL CO. LTD. DISCOLORATION APPARATUS FOR CIRCULAR KNITTING MACHINES

391/Cal/2002: EARNST THIELENHAUS GMBH & CO. KG. A DEVICE FOR PROCESSING THE FINISH OF WORK PIECES.
(Convention No.10135139.9.14 filed on 19.7.01 in Germany.)

28.6.2002

392/Cal/2002: PORTALS LIMITED. A METHOD FOR PRODUCING A SECURITY DOCUMENTS.
(Convention No.9600686.1 filed on 12.1.96 in U.K.)
(Divided out of No.30/Cal/97 antedated to 6.1.97.)

01.7.2002

393/Cal/2002: DEGUSSA AG. SILANE-MODIFIED OXIDIC OR SILICATE-LIKE FILTER. PROCESS FOR ITS PREPARATION, AND ITS USE.
(Convention No.10132943.1 filed on 06.07.2001 in DE.)

394/Cal/2002: THOMSON LICENSING S.A. PROCESS AND DEVICE FOR INSTALLING BROADCAST PROGRAMMES.
(Convention No.0110423 filed on 01.08.2001 in France.)

395/Cal/2002: LIFESCAN, INC. IMPROVED MICRO-NEEDLES AND METHODS OF MANUFACTURE AND USE THEREOF.
(Convention No.09/901,535 filed on 09.07.2001 in U.S.A.)

396/Cal/2002: DEGUSSA AG. SILOXANE OLIGOMERS, A PROCESS FOR THEIR PRODUCTION AND THEIR USE.
(Convention No.10132942.3 filed on 6.7.01 in Germany.)

397/Cal/2002: DEGUSSA AG. OLIGOMERIC ORGANOSILANES. PROCESS FOR THEIR PRODUCTION AND THEIR USE.
(Convention No 10132941.5 filed on 6.7.01 in Germany.)

398/Cal/2002: UNIVERSITY OF GEORGIA RESEARCH FOUNDATION INC. AND YALE UNIVERSITY A COMPOSITION FOR USE IN TREATING CANCER.
(Convention No.08/390,633 filed on 17.2.95 in U.S.A.)
(Divided out of No. 1065/Cal/95 dated 16.9.95)

2.7.2002

399/Cal/2002: SUNARROW CO. LTD. MULTI STAGE AND MULTI DIRECTION KEY AND MULTI STAGE AND MULTI DIRECTION KEY SWITCH USING THE SAME.
(Convention No.2001-214950 filed on 16.7.01 in Japan.)

3.7.2002

400/Cal/2002: SAGA UNIVERSITY. SYSTEM AND METHOD FOR PRODUCING EDUCATIONAL MATERIAL.
(Convention No.2001-205,631 filed on 6.7.01 in Japan.)

401/Cal/2002: THE BABCOCK & WILCOX COMPANY, CFB WITH CONTROLLABLE IN-BED HEAT EXCHANGER.
(Convention No.09/906,993 filed on 17.7.01 in U.S.A.)

05.07.2002

402/Cal/2002: SHEN, DER-FAN. FLOW REGULATOR FOR WATER PUMP.

403/Cal/2002: GENERAL ELECTRIC COMPANY. A SYSTEM AND METHOD FOR USING WEB BASED WIZARDS AND TOOLS.
(Convention No.09/982,942 filed on 18.10.01 in U.S.A.)

08.07.2002

404/Cal/2002: EATON CORPORATION. CORROSION AND UV RESISTANT ARTICLE AND PROCESS FOR ELECTRICAL EQUIPMENT.
(Convention No.09/908,249 filed on 18.7.01 in U.S.A.)

09.07.2002

405/Cal/2002: UNITED TECHNOLOGIES CORPORATION. METHOD FOR PREPARING REFRACTORY CARBIDES.
(Convention No 09/906,198 filed on 16.7.01 in U.S.A.)

406/Cal/2002: ABUSHIKI KAISHA MORIC. STATOR STRUCTURE FOR REVOLVING-FIELD ELECTRICAL MACHINE.
(Convention No 2001-21095 filed on 11.07.1 in Japan.)
(Convention No.10/064362 filed on 06.07.2002 in U.S.A.)

**APPLICATION FOR THE PATENT OFFICE BRANCH AT TODI ESTATE, 3RD FLOOR, SUN MILL
COMPOUND LOWER PAEL (W), MUMBAI :- 400 013.**

29/4/2002

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| 388/MUM/2002 | Mr. Rasik Dodia, Maharashtra "A device which is a tamper proof seal for oil or liquid container " |
| 389/MUM/2002 | American Tool Companies, INC, U S A "Compound toggle link retention mechanism " {Con. 04/05/2002} U.S.A |
| 390/MUM/2002 | Marico Industries Limited, Maharashtra "A device for storage and dispensing of liquids " |

30/4/2002

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| 391/MUM/2002 | Aarohi Satej Krishna, Maharashtra "Satej art box " |
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2/5/2002

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| 392/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Suspension device " {Con. 16/07/2001} Japan |
| 393/MUM/2002 | Westinghouse Air Brake Technologies Corporation, U.S.A "Drive nut assembly for a door operator." {Con. 05/05/2001} U.S.A |
| 394/MUM/2002 | M/S. Tonira Pharma Limited, Gurajat "A process for the preparation of a combination of famotidine polymorphs A and B " |
| 395/MUM/2002 | M/S Tonira Pharma Limited, Gurajat. "A process for the preparation of a combination of famotidine polymorphs A and B " |

3/5/2002

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| 396/MUM/2002 | Bayer Aktiengesellschaft, Germany "Method of loading moist, sticky bulk materials into a fluid pervious container " {Con. 16/05/2001} Germany |
| 397/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan "Intake amount control system for engine." {Con. 24/05/2001} Japan |
| 398/MUM/2002 | Westinghouse Air Brake Technologies Corporation, U.S.A. "A method and apparatus for testing shear strength of rubber bonded to metal insert " {Con. 13/07/2001} U.S.A |
| 399/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan "Apparatus for controlling air intake of engine in small vehicle " {Con. 31/08/2001} Japan |
| 400/MUM/2002 | Wartsila Technology OY AB, Finland "Flow limiting valve of fuel system " {Con. 27/06/2001} Finland |
| 401/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan "Rear swing arm for motorcycles." {Con. 29/05/2001} Japan |
| 402/MUM/2002 | Hindustan Lever Limited, Maharashtra "Process for forming of detergent granulates " {Con. 16/06/1997} Great Britain |
| 403/MUM/2002 | Hindustan Lever Limited, Maharashtra "A process of forming a granular detergent product " {Con. 16/06/1997} Great Britain |
| 404/MUM/2002 | Emcure Pharmaceutical Limited, Maharashtra "Drug delivery vehicle " |
| 405/MUM/2002 | Satish Gokhale, Maharashtra "Invention relates to bottle " |
| 406/MUM/2002 | Jatin Tarachand Gala Maharashtra "Improvements in or relating to broom " |

6/5/2002

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| 407/MUM/2002 | Indian Oil Corporation Limited, Maharashtra "Resid cracking apparatus with catalyst and adsorbent regenerators and a process thereof." |
| 408/MUM/2002 | Kamal Dayaram Saboo, Maharashtra "Electric detonating fuse." |
| 409/MUM/2002 | Dr. Subhash Rajaram Oroskar, Dr. Anil Rajaram Oroskar, Maharashtra "A method of extracting resin having medicinal properties from cicer arietinum." |
| 410/MUM/2002 | Dr. Subhash Rajaram Oroskar, Dr. Anil Rajaram Oroskar, Maharashtra "A medicinal preparation containing resins of cicer arietinum." |
| 411/MUM/2002 | Sun Pharmaceutical Industries Ltd., Maharashtra "A novel method for the preparation of 1,2,3,4,10,14B- Hexahydro-2-Methyl-Pyrazino[2,1-A]Pyrido(2,3-C) [2] Benzazepine." |

7/5/2002

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| 412/MUM/2002 | Johnson & Johnson Limited, Maharashtra "Arrangement for making textured film solid cleanser holders." |
| 413/MUM/2002 | Johnson & Johnson Limited, Maharashtra "Arrangement for making textured multi film solid cleanser holders." |
| 414/MUM/2002 | Ting Hsing Chen, Taiwan. "Vehicle wheel with generator." |
| 415/MUM/2002 | Zycus Infotech Pvt. Ltd., Maharashtra "System and method for context based searching of electronic catalog database, aided with graphical feedback to the user." |
| 416/MUM/2002 | Smt. Damyanti Jagmohan Lalani, Miss Niti Jagmohan Lalani and Nayan Jagmohan Lalani, Maharashtra. "Semi high mast lighting fixture." |

8/5/2002

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| 417/MUM/2002 | Hindustan Lever Limited, Maharashtra "Improvements relating to a measuring device." |
| 418/MUM/2002 | Doshi Siddharth Bhupatrai, Maharashtra. "An improved eco-friendly paper CD packing." |
| 419/MUM/2002 | Ajanta Pharma Limited, Maharashtra. "Process for preparation of improved formulations of an antimicrobial drug." |
| 420/MUM/2002 | Sunil Sadanand Vasaikar, Maharashtra. "An improved tamper proof metal wire seal for locking the polythene/canvass bags & directly locking drums with narrow hole locking clamp and other closure system." |

9/5/2002

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| 421/MUM/2002 | Nayak Ramesh Narayan, Maharashtra. "Automatic lifting and lowering operation of tractor." |
| 422/MUM/2002 | Sun Pharmaceutical Industries Ltd., Maharashtra. "Process for the preparation of stable anhydrous polymorph of lercanidipine hydrochloride." |
| 423/MUM/2002 | Sun Pharmaceutical Industries Ltd, Maharashtra. "Stable anhydrous polymorph of lercanidipine hydrochloride." |

10/5/2002

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| 424/MUM/2002 | Sakharam D. Mahurkar, U S A. "A syringe assembly." {Con. 18/11/1997} U.S.A |
| 425/MUM/2002 | Mr. Gajanan Hegde, Maharashtra. "Impeller with six vanes with maximum diameter of 163 mm for pump with optimum capacity, head and efficiency." |
| 426/MUM/2002 | * Mr. Dhiren Shah, Maharashtra. "A colour changing pencil box." |

13/5/2002

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| 427/MUM/2002 | ISOICHEM, France. "Process for the preparation of N-Carboxyanhydrides." {Con. 31/05/2001} <i>France</i> |
| 428/MUM/2002 | Sakharam Dhundiraj Mahurkar, U.S.A. "A blood sample collection assembly." |

14/5/2002

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| 429/MUM/2002 | Hindustan Lever Limited, Maharashtra. "Granular composition." {Con. 15/05/2001} <i>United Kingdom</i> |
| 430/MUM/2002 | Hindustan Lever Limited, Maharashtra. "Granular composition." {Con. 15/05/2001} <i>United Kingdom</i> |
| 431/MUM/2002 | Himanshu. S. and Bhadresh. B., Maharashtra. "A novel aggregate and components made therefrom and process for making the aggregate." |
| 432/MUM/2002 | Dr. Jyotsna Shukla and Prof. Krishna S. Pitre, Madhya Pradesh. "Role of bio-metal Co(II) in anticancer behaviour of tamoxifen." |

15/5/2002

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| 433/MUM/2002 | Hindustan Lever Limited, Maharashtra. "Improved process to make soft solids." |
| 434/MUM/2002 | Hindustan Lever Limited, Maharashtra. "Particulate laundry detergent composition containing zeolite." {Con. 16/05/2001} <i>United Kingdom</i> |
| 435/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Engine Balancer." {Con. 22/08/2001} <i>Japan</i> |
| 436/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Crankshaft phase adjustment structure." {Con. 22/08/2001} <i>Japan</i> |
| 437/MUM/2002 | Sun Pharmaceutical Industries Ltd., Maharashtra. "Process for the preparation of an oral osmotic controlled drug delivery system." |
| 438/MUM/2002 | Sun Pharmaceutical Industries Ltd., Maharashtra. "Oral Osmotic controlled drug delivery system." |
| 439/MUM/2002 | Sun Pharmaceutical Industries Ltd., Maharashtra. "Process for the preparation of coated sustained release tablets of a hygroscopic compounds for once-a-day therapy" |
| 440/MUM/2002 | Sun Pharmaceutical Industries Ltd., Maharashtra. "Coated sustained release tablets of a hygroscopic compound for once-a-day therapy." |
| 441/MUM/2002 | Sun Pharmaceutical Industries Ltd., Maharashtra. "A stable aqueous composition of a peptide." |
| 442/MUM/2002 | Multimatic, Inc., Canada. "Automotive door hinge with removable component adapted for structural reassembly." {Con. 24/05/2001} <i>Canada</i> |

16/5/2002

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| 443/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "V-type engine for motorcycle." {Con. 10/09/2001} Japan |
| 444/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Fitting structure of steering handle and accessory in motorcycle." {Con. 17/09/2001} Japan |
| 445/MUM/2002 | Unichem Laboratories Limited, Maharashtra. "An improved process for the preparation of 1-Cyclopropyl-6,7 Difluoro-8-Methoxy-4-Oxo-1,4-Dihydroquinoline-3-Carboxylic acid an intermediate useful for the preparation of Gatifloxacin." |
| 446/MUM/2002 | Unichem Laboratories Limited, Maharashtra. "An improved process for the preparation of 3-Methoxy-2,4,5-Trifluoro Benzoic acid an intermediate useful for the preparation of Gatifloxacin." |
| 447/MUM/2002 | M/s. Cipla Ltd., Maharashtra. "A process for producing a high purity norfloxacin." |
| 448/MUM/2002 | M/s. Cipla Ltd., Maharashtra. "A process for preparation of norfloxacin." |
| 449/MUM/2002 | B. Kapoorchand Rajpurohit, Maharashtra. "An improved electrical switch assembly." |

17/5/2002

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| 450/MUM/2002 | Dr. Sanjiv Arunchandra Vasa, Gujarat. "Invention relating to method and device for follicular hair transplantation." |
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20/5/2002

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| 451/MUM/2002 | Otsuka Pharmaceutical Co. Ltd., Japan. "A water-soluble dry composition." {Con. 24/06/1998} Japan |
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21/5/2002

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| 452/MUM/2002 | Kinetic Motor Company Limited, Maharashtra. "A new system, mileage maximiser for use in variomatic driven two or more wheeled automobiles for optimum fuel economy." |
| 453/MUM/2002 | Cadila Pharmaceutical Ltd., Gujarat. "A process for preparation of solid oral dosage formulations of etoposide with improved in vitro dissolution profile." |
| 454/MUM/2002 | Pitroda Kherajbhai Govindbhai, Gujarat. "An improved hand pump for lifting water or the like liquid." |

24/5/2002

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| 455/MUM/2002 | Anita Mary Desouza, Maharashtra. "A process for producing dehaired skins and hides therewith." |
| 456/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Engine for motorcycle." {Con. 10/09/2001} Japan |
| 457/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Steering unit." {Con. 03/09/2001} Japan |
| 458/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Seat holding structure of two-wheel vehicle and two-wheel vehicle." {Con. 04/09/2001} Japan |
| 459/MUM/2002 | Indian Oil Corporation Limited, Maharashtra. "Thermally stable phosphorothionates as antioxidant, antiwear, friction reducing & extreme pressure lubricant additives from cashew nut shell liquid." |
| 460/MUM/2002 | Wockhardt Limited, Maharashtra. "Novel process for production of the somatostatin analog, octreotide." |
| 461/MUM/2002 | Indian Petrochemicals Corporation Limited, Gujarat. "A Process for the manufacture of polyolefins using non-metallocene catalysts." |
| 462/MUM/2002 | Niovel Appliances India, Maharashtra. "A device for manually hauling of agricultural produce." |
| 463/MUM/2002 | Dr. Chandrakant S. Shah, U.S.A. "Efficient heater stirrer." |
| 464/MUM/2002 | Sun Pharmaceutical Industries Ltd., Maharashtra. "A process for the preparation of oxindole derivatives." |

27/5/2002

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| 465/MUM/2002 | Yuan-Fen Chung, Taiwan. "Mini scooter." {Con. 23/04/2002} Taiwan ROC |
| 466/MUM/2002 | Mr. Gajanan Hegde, Maharashtra. "Impeller with five vanes and five holes for pump with optimum capacity, head and efficiency." |
| 467/MUM/2002 | Mr. Gajanan Hegde, Maharashtra. "Impeller with six vanes and three holes for pump with optimum capacity, head and efficiency." |
| 468/MUM/2002 | Mr. Gajanan Hegde, Maharashtra. "Impeller with seven vanes and two holes for pump with optimum capacity, head and efficiency." |
| 469/MUM/2002 | Sardar Darshan Singh Sehmi, Mrs. Paranjit Kaur Sehmi, Mrs. Gurpreet Kaur Sehmi, Maharashtra. "Heavy duty angular continuous stitcher." |
| 470/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Wheel structure." {Con. 07/09/2001} Japan |
| 471/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Indicator of motor-assisted bicycle." {Con. 28/09/2001} Japan |

28/5/2002

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| 472/MUM/2002 | Cadila Healthcare Limited, Gujarat. "Process for the preparation of amorphous atorvastatin calcium." |
| 473/MUM/2002 | Cheng-Lang Tsai, Taiwan. "Apparatus for manufacturing wire." |
| 474/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Electrically driven vehicle." {Con. 26/06/2001 & 25/06/2001} Japan |

29/5/2002

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| 475/MUM/2002 | Sachin Arun Inamdar, Maharashtra. "Improvement in piping of pumping system and use of the same for obtaining fluid flow free of cavitation." |
| 476/MUM/2002 | Bayer Aktiengesellschaft, Germany. "Heat-absorbing polymer composition." {Con. 13/06/2001} Germany |
| 477/MUM/2002 | Mr. Rajput Kirpal Singh Puran Singh, Maharashtra. "An improved paint brush/fitted along with the clip." |

30/5/2002

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| 478/MUM/2002 | Strides Arcolab Ltd., Maharashtra. "Pharmaceutical formulation comprising loratidine in a self-emulsifying drug delivery system and process for preparing the same." |
| 479/MUM/2002 | EMS-Chemie AG, Switzerland. "Liquid catalyst." {Con. 15/06/2001} Germany |
| 480/MUM/2002 | Rajeev Agnihotri, Madhya Pradesh. "Ciprofloxacin Injectable solutions." |
| 481/MUM/2002 | Rajeev Agnihotri, Madhya Pradesh. "Low-calorie compounded tea composition." |
| 482/MUM/2002 | Emcure Pharmaceuticals Limited, Maharashtra. "Process for making pharmaceutical compositions." |

31/5/2002

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| 483/MUM/2002 | Alembic Limited, Gujarat. "An improved process for the preparation of " H-type" crystals of N-(Trans-4-Isopropylcyclohexylcarbonyl)-D-Phenylalanine." |
| 484/MUM/2002 | Sun Pharmaceutical Industries Ltd., Maharashtra. "A process for the preparation of phenyl carbamates." |
| 485/MUM/2002 | Thermax Limited, Maharashtra. "Start up device." |
| 486/MUM/2002 | Thermax Limited, Maharashtra. "Burner assembly." |
| 487/MUM/2002 | Secretary, Department of Atomic Energy, Maharashtra. "An improved method of detection of target nucleic acid sequence by nucleic acid amplification." |

3/6/2002

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| 488/MUM/2002 | Larsen & Toubro Limited, Maharashtra. "An electromagnetic contactor with a lockable arrangement in "off" state." |
| 489/MUM/2002 | Dr. Rajeev Raut, Maharashtra. "A process for preparing a novel pharmaceutical composition for external application for inflammatory disorders of eye containing 4-Aminoquinolines, their derivatives, isomers or chemical salts." |
| 490/MUM/2002 | Bayer Aktiengesellschaft, Germany. "Oil-based suspension concentrates." {Con. 21/06/2001} Germany |
| 491/MUM/2002 | Premark RWP Holdings, INC., U.S.A. "Compound formable decorative laminate." {Con. 07/02/2002} U.S.A. |
| 492/MUM/2002 | Bayer Aktiengesellschaft, Germany. "Polycarbonates, polyester carbonates and polyesters having branched terminal groups." {Con. 13/06/2001} Germany |
| 493/MUM/2002 | Vaidya Dilipbhai S. Mehta, Dr. Ramesh K. Goyal, Dr. Umesh M. Upadhyay, Gujarat. "Process of preparing an aqueous extract and pills from <i>enicostemma littorale</i> ." |

4/6/2002

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| 494/MUM/2002 | J. B. Chemicals & Pharmaceuticals Ltd., Maharashtra. "A process for the preparation of pharmaceutical composition for controlled drug delivery system." |
| 495/MUM/2002 | J. B. Chemicals & Pharmaceuticals Ltd., Maharashtra. "Pharmaceutical composition for controlled drug delivery system." |
| 496/MUM/2002 | Emcure Pharmaceuticals Ltd., Maharashtra. "An improved site specific drug delivery system." |
| 497/MUM/2002 | Dr. M. L. Khare, Madhya Pradesh. "K S- Asthma Routech." |
| 498/MUM/2002 | Wockhardt Limited, Maharashtra. "A process for preparation of novel composition for extended release of biguanide in combination with sulfonyl urea." |
| 499/MUM/2002 | Wockhardt Limited, Maharashtra. "A process for Unit-Dose drug combination for the simultaneous delivery of a short-acting and a long-acting oral hypoglycemic agent." |

5/6/2002

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| 500/MUM/2002 | Department of Atomic Energy (Govt. of India), Maharashtra. "An improved apparatus for measuring colloidal forces." |
| 501/MUM/2002 | Department of Atomic Energy (Govt. of India), Maharashtra. "A tunable optical filter." |
| 502/MUM/2002 | Prahladbhai Purshottamdas Prajapati, Gujarat. "Cotton cotted magnetic mattresses." |

6/6/2002

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| 503/MUM/2002 | M/s. Alembic Limited, Gujarat. "A process of preparing loratadine and montelukast sodium nasal spray." |
| 504/MUM/2002 | M/s. Alembic Limited, Gujarat. "A process of preparing extended release osmo microsealed venlafaxine hydrochloride." |

7/6/2002

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| 505/MUM/2002 | Mr. Hanmantrao Ramdas Gaikwad, Maharashtra. "Improved street lights and the like." |
| 506/MUM/2002 | Khandelwal Laboratories Pvt. Ltd. , Maharashtra. "Pharmaceutical preparations." |
| 507/MUM/2002 | Khandelwal Laboratories Pvt. Ltd. , Maharashtra. "Pharmaceutical preparations." |
| 508/MUM/2002 | Khandelwal Laboratories Pvt. Ltd. , Maharashtra. "Pharmaceutical preparations." |
| 509/MUM/2002 | Satish Gokhale, Maharashtra. "Powder inhaler." |

10/6/2002

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| 510/MUM/2002 | Rohm and Haas Company, U. S. A. "Coating with improved hiding, compositions prepared therewith, and processes for the preparation thereof." {Con. 20/06/2001}, {Con. 20/07/2001}, {Con. 09/08/2001}, {Con. 12/09/2001}, {Con. 26/09/2001}, {Con. 09/11/2001}, {Con. 07/05/2002} U. S. A |
| 511/MUM/2002 | Vibhute Chandrashekhar Panchakshri, Maharashtra. "Chemiclave for disinfection of biomedical hospital solid waste." |

11/6/2002

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| 512/MUM/2002 | Prof. Anant B. Marathe, Prof. Prashant V. Thorat, Prof. Shirish N. Nemade, Maharashtra. "Lubricating gels from polyolefinic waste." |
| 513/MUM/2002 | Gujarat State Fertilizers & Chemicals Limited, Gujarat. "Process for the preparation of hydroxylamine sulfate." |
| 514/MUM/2002 | Rashi Peripherals Pvt. Ltd., Maharashtra. "A device for debugging computer hardware." |

12/6/2002

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| 515/MUM/2002 | Kantak Prakash Mangesh Rao, Maharashtra. "Novel method for in-situ balancing of rotors." |
| 516/MUM/2002 | Hindustan Lever Limited, Maharashtra. "Laundry treatment composition." {Con. 14/06/2001} United Kingdom |
| 517/MUM/2002 | Revathi Enterprises, Maharashtra. "Manually operated, imperforated wrap-around door for elevator application." |
| 518/MUM/2002 | Zycus Infotech Pvt. Ltd., Maharashtra. "System and method for electronic catalog classification using a hybrid of rule based and statistical method." |
| 519/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Internal combustion engine." {Con. 27/06/2001}, {Con. 09/04/2001} Japan |

13/6/2002

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|--------------|---|
| 520/MUM/2002 | Hindustan Lever Limited, Maharashtra. "Beverage dispenser." |
| 521/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Tail lamp structure for motorcycle." {Con. 21/08/2001} Japan |
| 522/MUM/2002 | Centre for Development of Advanced Computing, Maharashtra. "Method and apparatus for optimization of a multi-objective function of a portfolio containing at least one investment." |
| 523/MUM/2002 | Centre for Development of Advanced Computing, Maharashtra. "Method and apparatus for optimization of a multi-objective function of a portfolio containing at least one investment." |

13/6/2002

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| 524/MUM/2002 | Reliance Life Sciences Private Limited, Maharashtra. "Device and a process for expansion of haemopoietic stem cells for therapeutic use." {Con. 14/06/2001} U. S. A |
| 525/MUM/2002 | Reliance Life Sciences Private Limited, Maharashtra. "Device and a process for the expansion of haemopoietic stem cells for therapeutic use." {Con. 14/06/2001} U. S. A |
| 526/MUM/2002 | Arvind Vasudev Marathe, Kaustubh Arvind Marathe, Maharashtra. "Pinch / Pyramid roll bending machine." |

14/6/2002

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| 527/MUM/2002 | USV Limited, Maharashtra. "Cyclodextrine stabilized pharmaceutical compositions of bupropion hydrochloride." {Con. 14/06/2001} U. S. A |
| 528/MUM/2002 | Smt. Parsanben Narandas Ramji Shah (Talajawala) Society for Relief and Rehabilitation of the Disabled, Gujarat. "Polycentric knee brace for osteoarthritis." |
| 529/MUM/2002 | Marico Industries Limited, Maharashtra. "A process of tamper proof packaging for liquids." |
| 530/MUM/2002 | Bayer Aktiengesellschaft, Germany. "Production and use of polyester carbonates." {Con. 28/06/2001} Germany |
| 531/MUM/2002 | Jagdishchandra Vasanjee Khajuria, Maharashtra. "An improved bottle." |
| 532/MUM/2002 | Rajeev Agnihotri, Madhya Pradesh. "Briefs for men." |

17/6/2002

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| 533/MUM/2002 | Themis Laboratories Private Limited, Maharashtra. "Process of manufacture of novel drug delivery system : Multilayer tablet composition of Thiazolidinedione and Biguanides." |
| 534/MUM/2002 | Unichem Laboratories Ltd., Maharashtra. "Improved processes for the preparation of polymorphic forms of venlafaxine hydrochloride." |

18/6/2002

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| 535/MUM/2002 | Avinash Dhondu Shirode, Maharashtra. "KW-range Domestic Windmill Generator Set." |
| 536/MUM/2002 | Bayer Aktiengesellschaft, Germany. "Heterocyclic-Amide derivatives." {Con. 6/07/2001} Germany |
| 537/MUM/2002 | Gupta Manoharlal, Madhya Pradesh. "Containers for storing, transporting and using fluids, particularly liquids." |

19/6/2002

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| 538/MUM/2002 | Mahindra & Mahindra Ltd., Maharashtra. "A novel method of reducing ringing noise in gear assemblies." |
| 539/MUM/2002 | Hindustan Lever Limited, Maharashtra. "Improved filter." |
| 540/MUM/2002 | VIP Industries Ltd., Maharashtra. "Luggage case handle locking security mechanism." |
| 541/MUM/2002 | VIP Industries Ltd., Maharashtra. "Luggage case with rolling scratch guard." |

20/6/2002

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| 542/MUM/2002 | Hindustan Lever Limited, Maharashtra. "Improved process of extrusion." |
| 543/MUM/2002 | M/s. Everite Tube Company, Maharashtra. "Medio-Seal." |
| 544/MUM/2002 | Sun Pharmaceutical Industries Ltd., Maharashtra. "Process for the preparation of S-Fluoromethyl 6 α , 9 α -Difluoro-11 β -Hydroxy- 16 α -Methyl-17 α - Propionyloxy -3-Oxoandrost-1,4-Diene-17 β -Carbothioate." |
| 545/MUM/2002 | Mrs. Rohini Nandkumar Devi & Mr. Nandkumar B. Devi, Maharashtra. "A stainless steel sheet with channels for manufacturing of frames." |

21/6/2002

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| 546/MUM/2002 | M/s. Shreenath Enterprises, by a sole proprietor M/s. Ishan Marketing Pvt. Ltd., Gujarat. "Tamper evident seals VOID/OPENED with ultra violet light & heat features." |
| 547/MUM/2002 | Encompass Software & Systems Pvt. Ltd., Maharashtra. "Digital analog integration & architecture." |
| 548/MUM/2002 | Onkar Anil Madhukar Rao, Maharashtra. "Comode attachment to bed." |
| 549/MUM/2002 | Indian Oil Corporation Limited, Maharashtra. "A fuel additive composition for stabilising blends of ethanol and a hydrocarbon." |

24/6/2002

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| 550/MUM/2002 | Bayer Aktiengesellschaft, Germany. "Substituted Benzo-Nitrogen heterocycles." {Con. 12/07/2001} Germany |
| 551/MUM/2002 | Man Ho Yang, Korea. "Head mounted umbrella and method of manufacturing the same." |
| 552/MUM/2002 | Dr. Anthony Joseph, Maharashtra. "An ayurvedic medicinal preparation." |
| 553/MUM/2002 | United Phosphorus Limited, Maharashtra. "A process for preparing synergistic herbicidal composition containing selective herbicides and improvements in the use of selective herbicides." |

25/6/2002

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| 554/MUM/2002 | Ramesh Ramchand Mirchandani, Maharashtra. "3D-Plus stereoscopy for television, motion picture film, photographic and non photographic print material." |
| 555/MUM/2002 | Ethypharam II Private Limited, Maharashtra. "Process for manufacturing a pharmaceutical composition of Anti-Diabetic Drug." |

26/6/2002

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| 556/MUM/2002 | Dianxi Zhou, China. "Normally interlocked universal differential device." {Con. 13/07/2001} China |
| 557/MUM/2002 | United Phosphorus Limited, Gujarat. "A process for preparing synergistic insecticidal composition containing chloronicotynyle and organophosphorus compounds." |
| 558/MUM/2002 | United Phosphorus Limited, Gujarat. "A process for preparing synergistic insecticidal composition containing chloronicotynyle and organophosphorus compounds." |
| 559/MUM/2002 | Arun Gomti Shanker Shukla, Madhya Pradesh. "Sun reflector." |
| 560/MUM/2002 | Atofina Chemicals, Inc., U.S.A. "Curing catalyst." {Con. 12/10/2001} U.S.A |
| 561/MUM/2002 | Emcure Pharmaceuticals Limited, Maharashtra. "Process for making pharmaceutical compositions." |
| 562/MUM/2002 | Tata Infotech Limited, Maharashtra. "An automated query answering system including method and computer program product therefor." |
| 563/MUM/2002 | Ajanta Pharma Limited, Maharashtra. "Anti-inflammatory phytoconstituent derivatives and dosage form thereof." |
| 564/MUM/2002 | Indian Petrochemicals Corporation Limited, Gujarat. "Process for the preparation of speciality oil from a mixture of C ₁₆ -C ₂₈ Olefins." |
| 565/MUM/2002 | Cadila Healthcare Limited, Gujarat. "Novel floating dosage form." |
| 566/MUM/2002 | B. V. Patel Pharmaceutical Education and Research Development (PERD) Centre, Gujarat. "5-Thiazolyl-aryl methanone oxime derivatives, method of their production and use." |

27/6/2002

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| 567/MUM/2002 | Vishwas Shrikant Mokashi, Maharashtra. "Sealing system for flip top pack." |
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28/6/2002

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| 568/MUM/2002 | Honda Giken Kogyo Kabushiki Kaisha, Japan. "Remote control lock operation system for vehicels. {Con. 5/07/2001} & {Con.5/07/2001} Japan |
| 569/MUM/2002 | The Goodyear Tire & Rubber Company, U.S.A. "Resonant cavity sensor for dip." {Con. 11/07/2001} U. S. A |
| 570/MUM/2002 | Westvaco Corporation, U.S.A. "Locking container." {Con. 18/07/2001}, {Con. 9/04/2002}, {Con. 28/09/2001}, {Con. 7/01/2002} U. S. A |
| 571/MUM/2002 | Westvaco Corporation, U.S.A. "Unit dose packaging system with molded locking feature." {Con. 18/07/2001}, {Con. 9/04/2002}, {Con. 28/09/2001}, {Con. 7/01/2002} U. S. A |
| 572/MUM/2002 | Arvind Vishnu Paranjpe, Maharashtra. "A novel solar energy power plant to produce 20KWH electricity." |
| 573/MUM/2002 | Dieter Meyer and Hans-Peter Braun, Germany. "Soil conditioner and water vitaliser." |
| 574/MUM/2002 | Sunil Khushiram Devnani and Anil Khushiram Devnani, Maharashtra. "An improved CPU holder." |

1/7/2002

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| 575/MUM/2002 | Eastman Kodak Company, U S A "System, method and software product for allowing a consumer to order image products over a communication network from a plurality of different providers." {Con. 24/08/2001} U.S.A |
| 576/MUM/2002 | Eastman Kodak Company, U S A. "System, method and software product for ordering image products over a communication network from a plurality of different providers having various business relationships, using images stored on a digital storage device." {Con. 24/08/2001}, {Con. 18/01/2002} U.S.A |
| 577/MUM/2002 | Eastman Kodak Company, U.S.A. "System, method and software product for allowing a consumer to order image products over a communication network from a plurality of different providers." {Con. 24/08/2001}, {Con. 31/08/2001} U.S.A |
| 578/MUM/2002 | Eastman Kodak Company, U.S.A. "System, method and software product for ordering image, products over a communication network from a plurality of different providers having various business relationships." {Con. 24/08/2001}, {Con. 18/01/2002} U.S.A |
| 579/MUM/2002 | Eastman Kodak Company, U.S.A. "System, method and software product for ordering image products using images stored on a digital storage device from a plurality of order terminals." {Con. 24/08/2001}, {Con. 18/01/2002} U.S.A |
| 580/MUM/2002 | L. M. College of Pharmacy, Gujarat. "A novel method of preparation of mouth dissolve tablets." |
| 581/MUM/2002 | Bayer Aktiengesellschaft, Germany. "Preparation of copolycarbonates." {Con. 16/07/2001} Germany |
| 582/MUM/2002 | Larsen & Toubro Limited, Maharashtra. "A novel way to enhance the capacity of circuit breakers." |
| 583/MUM/2002 | Central Institute for Research on Cotton Technology, Maharashtra. "An inexpensive assembly for the isolation of anaerobic microorganisms." |
| 584/MUM/2002 | Central Institute for Research on Cotton Technology, Maharashtra. "A novel low cost technology for improving the digestibility of cattle feed with increased microbial protein." |
| 585/MUM/2002 | Central Institute for Research on Cotton Technology, Maharashtra. "Production of cellulose powder from crop residues." |
| 586/MUM/2002 | BCE Emergis Technologies, Inc., Canada. "Electronic invoicing and payment system." |
| 587/MUM/2002 | Facilitation Center for Industrial Plasma Technologies, Gujarat. "Inflight plasma reactor." |

2/7/2002

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|--------------|---|
| 588/MUM/2002 | Mrs. Uma Ranjan Javeri, Maharashtra. "A process of preparing improved & palatable chewable tablet of gastro intestinal medicine." |
| 589/MUM/2002 | Mrs. Uma Ranjan Javeri, Maharashtra. "EUNIMEX-RD" (An rapidly disintegrating & taste masking coating composition and method of making coated tablets.)" |
| 590/MUM/2002 | Hindustan Antibiotics Ltd., Maharashtra. "The process for the preparation of purified penicillinase from crude extract using affinity chromatography." |
| 591/MUM/2002 | Hindustan Antibiotics Ltd., Maharashtra. "The process for the preparation of purified penicillinase from crude extract using dye-ligand affinity chromatography." |
| 592/MUM/2002 | Prakash Krishna Ratnaparkhi, Maharashtra. "Measuring instruments." |

3/7/2002

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|--------------|---|
| 593/MUM/2002 | Les Laboratoires Servier, France. "New γ crystalline form of Perindopril Tert-Butylamine salt, A process for its preparation and pharmaceutical compositions containing it." |
| 594/MUM/2002 | Les Laboratoires Servier, France. "New β crystalline form of Perindopril Tert-Butylamine salt, A process for its preparation and pharmaceutical compositions containing it." |
| 595/MUM/2002 | Les Laboratoires Servier, France. "New process for the synthesis of N-[(S)-1-Carboxybutyl]-(S)-Alanine Esters and application in the synthesis of Perindopril." |
| 596/MUM/2002 | Les Laboratoires Servier, France. "New process for the synthesis of N-[(S)-1-Carboxybutyl]-(S)-Alanine Esters and application in the synthesis of Perindopril." |
| 597/MUM/2002 | Les Laboratoires Servier, France. "New α crystalline form of perindopril Tert-Butylamine salt, A process for its preparation and pharmaceutical compositions containing it." |
| 598/MUM/2002 | Les Laboratoires Servier, France. "New process for the synthesis of Perindopril and pharmaceutically acceptable salts thereof." |
| 599/MUM/2002 | Glenmark Pharmaceuticals Limited, Maharashtra. "Novel indole derivatives; process for their preparation and pharmaceutical compositions containing them." |
| 600/MUM/2002 | Drugtech Corporation, U.S.A. "Bioadhesive drug delivery system." {Con. 20/03/2002} U.S.A |
| 601/MUM/2002 | Ali Hirji, Maharashtra. "Heat shrinkable device for three-core power cables." |

4/7/2002

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|--------------|---|
| 602/MUM/2002 | Prajapati Dharmang Prahladbhai, Gujarat. "Invention relating to process for preparing coated magnetic blankets, cushion pillow and sheets." |
| 603/MUM/2002 | Bayer Aktiengesellschaft, Germany. "Pyrazoline derivatives." {Con. 20/07/2001} Germany |
| 604/MUM/2002 | Bayer Aktiengesellschaft, Germany. "Polycarbonate blends." {Con. 20/07/2001} Germany |
| 605/MUM/2002 | Dr. Philip George, Maharashtra. "A 3 way stopcock skin fixation/holder." |

5/7/2002

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| 606/MUM/2002 | Suresh Anandrao Salunkhe, Maharashtra. "An improved brake system for animal drawn carts specially bullock carts." |
| 607/MUM/2002 | Westinghouse Air Brake Technologies Corporation, U.S.A. "Plug door drive system." {Con. 18/12/2001} U.S.A |
| 608/MUM/2002 | Bayer Aktiengesellschaft, Germany. "Method for producing bisphenols." {Con. 18/07/2001} Germany |
| 609/MUM/2002 | Bi Limited, Maharashtra. "Films for packaging." |
| 610/MUM/2002 | Bi Limited, Maharashtra. "Films for packaging." |
| 611/MUM/2002 | Bi Limited, Maharashtra. "Films for packaging." |
| 612/MUM/2002 | Bi Limited, Maharashtra. "Foil for packaging." |
| 613/MUM/2002 | Bi Limited, Maharashtra. "An effective method for determining the optimal packaging component/system of packaged products." |
| 614/MUM/2002 | Emcure Pharmaceuticals Limited, Maharashtra. "Process for making pharmaceutical compositions." |

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate along with evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10 per page of such document plus Rs. 30.

स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकसूच को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30 रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति

पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30 रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 129 G.

188121

Int. Cl.⁴ : B 23 K 26/00.

A METHOD OF FORMING A SMOOTH SURFACE APERTURED SUPPORT MEMBER AND AN APPARATUS FOR CARRYING OUT SAID METHOD.

Applicant : MCNEIL-PPC, INC. OF GRANDVIEW ROAD, SKILLMAN, NJ-08558, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor(s) : 1. JAMES WILLIAM A., 2. BREITKOFF STEPHEN, 3. WILLIAM G. KELLY.

Application No. 361/Cal/96 filed on 28.2.96

(Convention No. 08/574252 filed on 18.12.95 in U.S.A.)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata.

19 Claims

A method for forming a smooth surface, apertured support member as herein described for producing a planer, apertured film or non-woven fabric comprising the steps of :

- providing a required workpiece, .
- directing a laser beam toward said workpiece; and
- moving the laser beam in a series of raster scans over the surface of the workpiece for drilling with said laser beam a predetermined pattern of apertures through said workpiece thereby forming a smooth surface surrounding each aperture on the top surface of the resulting support member.

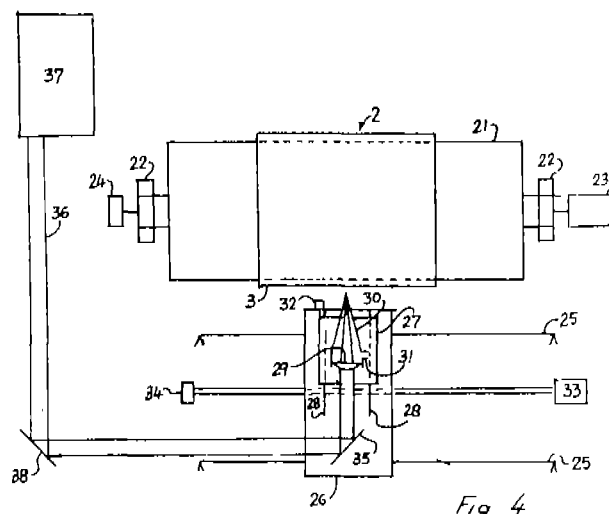


Fig 4

(Compl. Specn. : 40 Pages.

Drgn. Sheets : 14)

Ind. Cl. : 179 A & 179 E.

188122

Int. Cl.⁴ : B 65 D 55/08.

AN APPARATUS AND A METHOD FOR CURLING ONE OR MORE CYLINDRICAL WALL(S) OF PLASTIC MATERIAL.

Applicant : ZAPATA INNOVATIVE CLOSURES, INC. OF 2601, SOUTH BAYSHORE DRIVE, SUITE 1200, COCONUT GROVE, FLORIDA 33133, U.S.A.

Inventor : MORTIMER STAFFORD THOMPSON.

Application No. 598/Cal/96 filed on 02.04.1996

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata.

12 Claims

An apparatus for curling one or more cylindrical wall(s) of plastic material wherein the wall is an integral part of a molded preform, comprising :

at least one work station having at least one forming tool with at least one working surface for curling the cylindrical wall(s) of each preform passing through said work station(s);

means for holding and moving the preforms through said work station(s); and

means for controlling the movement of said tool(s) as they curl the cylindrical walls.

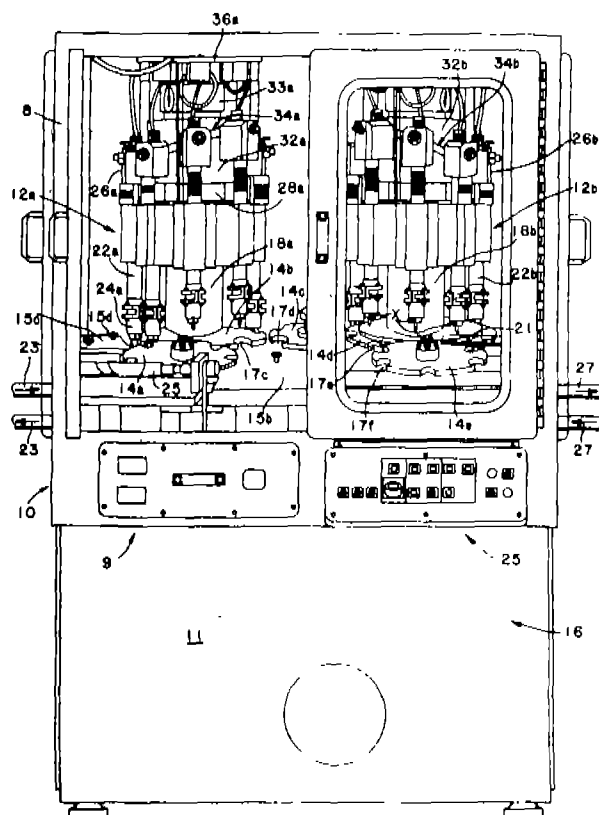


FIG. 1

(Compl. Specn. : 31 Pages.

Drgn. Sheets : 13)

Ind. Cl. : 127 C.

188123

Int. Cl.⁴ : B 65 G 15/18,
F 16 G 3/02 C 22 C 22/00.

A BELT CONNECTOR.

Applicant : VI-GORO SARL OF 7 RUE ROUGET DE LISLE, F-30000 NIMES, FRANCE.

Inventor : SCHICK JEAN-FRANCOIS.

Application No. 654/Cal/96 filed on 9.4.96.

(Convention No. 19514658.1-12 filed on 20.4.95 and 19544810.3 on 1.12.95 in Germany).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata.

20 Claims

A connector in combination with two belt ends, said connector comprising :

a pair of similar U-section clips each having a pair of legs secured to the respective belt end and a plurality of spaced knuckles, the knuckles being interleaved to form a transversely extruding passages;

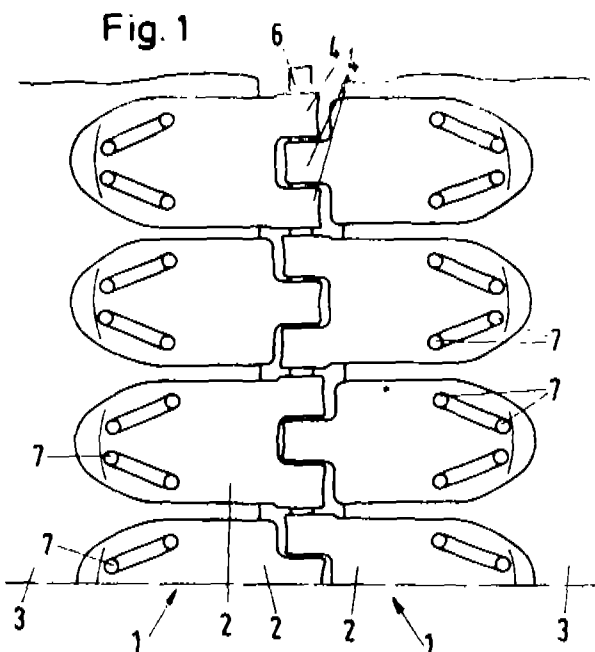
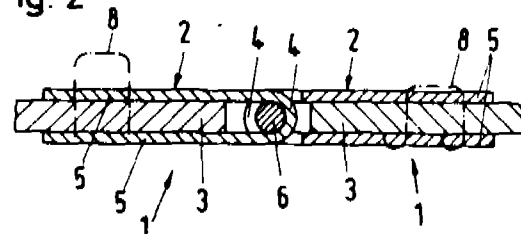


Fig. 2



a connector rod extending through the passage and interconnecting the clips;

a plurality of outer sleeves surrounding the rod and directly engaging the knuckles, the sleeves each being

of a wear-resistant material and having a soft lining of a material capable of plastically deforming; and respective frangible webs each connecting a respective two adjacent outer sleeves together.

(Compl. Specn. : 17 Pages.

Drgn. Sheets : 3)

Ind. Cl. : 98 E.

188124

Int. Cl.⁴ : B 22 D 35/06.

METHOD OF MANUFACTURING A HEATED REFRACTORY SHAPED MEMBER AND A SHAPED MEMBER THEREOF.

Applicant : DIDIER-WERKE AG., OF LESSINGSTRASSE 16-18, D-65189 WIESBADEN, GERMANY.

Inventor(s) : 1. BRUCKNER RAIMOND, 2. DR. GRAU RUDIGER, 3. GRIMM DANIEL, 4. DR. HASHEMI SEYED MASCUD, 5. DR. SPITZER KADI-HEINZ.

Application No. 612/Cal/96 filed on 3.4.96.

(Convention No. P19515230.1 filed on 28.4.95 in Germany.)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata.

12 Claims

Refractory, inductively heatable shaped member, which is electrically conductive or has an electrically conductive layer comprising at least one electrically insulating longitudinal slot (7), which is acted upon in a region (3) by an electromagnetic main field (A) of an inductor (2), characterized in that in an intermediate region (4) adjoining the said region (3) in the longitudinal direction in the shaped member or its electrically conductive layer (6) has electrically insulating transverse slots (11) which extend around nearly the entire periphery or over nearly the entire breadth of the shaped member (1) such that the eddy currents induced in the region (3) of the shaped member are deflected around this intermediate region (4) into a subsequent region (5) of the shaped member.

(Compl. Specn. : 14 Pages.

Drgn. Sheets : 4)

Ind. Cl. : 33 A [XXX 111(3)]

188125

Int. Cl.⁴ : B 22 D—11/06 B 21 B 1/46, 13/22, 37/14, 39/34.

VERTICAL CASTING LINE FOR CASTING STEEL SLABS.

Applicant : DANIELI & C. OFFICINE MACCANICHE SPA OF VIA NAZIONALE, 33042, BUTTRIO (UD), ITALY.

Inventor(s) : 1. LAVAZZA ALFREDO, 2. CARBONI ANDREA, 3. COASSIN GIOVANNI.

Application No. 842/Cal/96 filed on 9.5.96

(Convention No. UD95A000090 filed on 18.5.95 in Italy).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata.

7 Claims

Vertical casting line for casting steel slabs, comprising a mould (11), an assembly of foot rolls (12) located at the outlet of the mould (11), and a plurality of containing and guide assemblies (13) associated with the vertical segment of the casting line, characterized in that

the containing and guide assemblies (13) cover at least the whole vertical segment of the casting line, and

at least part of the rolls (14) of the containing and guide assemblies (13) cooperate with actuation means (19) governed by a data processing unit (20) to obtain a controlled (soft-reduction) pre-rolling at least in the second part of the vertical segment of the casting line.

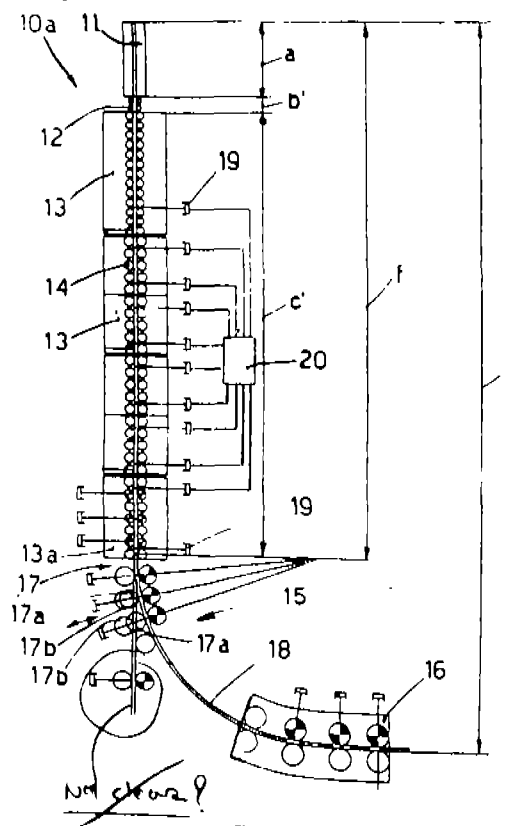


FIG. 2

(Compl. Specn. : 17 Pages.

Drgn. Sheets : 3)

Ind. Cl. : 172 D 8.

188126

Int. Cl.⁴ : D 01 H 1/08.

A CENTRIFUGAL CAN SPINNING MACHINE AND A METHOD OF MANUFACTURE OF THREAD THEREOF.

Applicant : W. SCHLAFHORST AG & CO. OF POSTFACH 100435, D-41004 MONCHENGLADBACH, GERMANY).

Inventor(s) : 1. KARL KOLTZE, 2. HANS-JURGEN HEINRICH, 3. VOLKER ROLAND, 4. PETER VOIDEL.

Application No. 862/Cal/96 filed on 13.5.96.

(Convention No.(s) P19520153.1 and P19523937.7 filed on 1.6.95 and 30.6.95 respectively in Germany).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata.

9 Claims

A centrifugal can spinning machine comprising a spinning can, and a tubular thread guide (5) allocated to the spinning can (9) disposed to receive from drafting device (1) the card sliver (2) which is to be spun and having a mouth (6) operable to deliver the thread (17) into the spinning can (9) to form a threaded cake (10) therein, a rewinding core (11) movable between a reserved position during spinning at the mouth (6) of the thread guide (5) and a rewinding position spaced from the thread guide (5) for winding into the rewinding core (11) the thread cake (10) after the spinning operation, characterized in that a thread sensor (4) provided to detect any thread breakage along the transport path of the thread (17) is connected to a locking device (19) and automatically responsive to a signal produced by said thread sensor (4) for shifting the rewinding core (11) from its reserve position into its rewinding position.

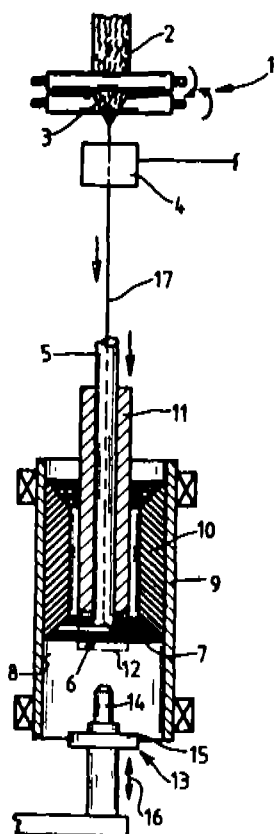


FIG. 1

(Compl. Specn. : 24 Pages.

Drgn. Sheets : 3)

Ind. Cl. : 128 I.

188127

Int. Cl.⁴ : A 61 M 15/00.

INHALER FOR ADMINISTERING POWDERED MEDICAMENTS FROM STRIP-SHAPED BLISTER PACKS.

Applicant : ASTA MEDICA AKTIENGESELLSCHAFT, OF AN DER PIKARDIE 10, D-01277, DRESDEN, GERMANY.

Inventor(s) : 1. DR. WOLFGANG GOTTENAUER, 2. ANDRE NARODYLO, 3. DR. JOACHIM GOEDE.

Application No. 1173/Cal/96 filed on 25.06.1996.

(Convention No. 19523516.9 filed on 30.6.95 in Germany).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata.

11 Claims

Inhaler for administering powdered medicaments from strip-shaped blister packs (5) comprising a container film (33) with a row of individual convex blister cavities (31) whose curvature has the shape of a spherical cap containing the powdered medicament (38) and a covering foil (29) which seals the cavities (31), with at least two housing parts (2, 3, 9, 13, 14, 23) which are pivotally connected to one another via a joint or hinges (16, 17, 24) and one of the housing parts has a recess (30) as a bearing (29) for receiving a blister strip (5) and the housing has a mouthpiece (1) on one narrow side an air inlet opening (32) on the opposite narrow side and between them an air duct (7) which is adapted to receive directly the medicament (38) from the blister cavities (31) from a blister (5) strip inserted into the bearing (29) in such a way that the covering foil (39) of the inserted blister strip (5), adjoins the air duct (7), and the housing has means for pressing out the individual cavities (31) of the blister strip (5), characterised in that the means for pressing out the individual cavities (31) have at least

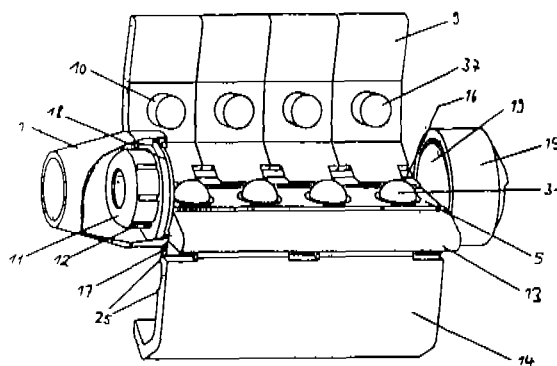


Fig. 5

one plunger (10) with a concavely curved plunger surface (37) which corresponds to the shape of the blister cavities (31), which pressing-out means are designed in such a way

that the edge of the concavely curved plunger surface (37) of the at least one plunger (10) engages asymmetrically transversely to the longitudinal axis of the housing on the corresponding curved surface of the convex blister cavity (31) so that the tag (8) of the severed covering foil (39) hangs down without impeding the air flow in the air duct (7).

(Compl. Specn. : 31 Pages.

Drgn. Sheets : 7)

Ind. Cl. : 206 G.

188128

Int. Cl.⁴ : H 03 M—7/00.

AN APPARATUS FOR ADAPTIVELY ENCODING A CONTOUR IMAGE OF AN OBJECT INCLUDED IN A VIDEO FRAME OF A VIDEO SIGNAL.

Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541, 5-GA, NAMDAEMOON RO, JUNGKU, SEOUL, KOREA.

Inventor : KIM JIN-HUN.

Application No. 1184/Cal/96 filed on 27.6.96.

(Convention No. 96-14969 filed on 8.5.96 in South Korea).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata.

4 Claims

An apparatus for adaptively encoding a contour image of an object included in a video frame of a video signal wherein the video frame is divided into a multiplicity of blocks, each of the blocks having $K \times L$ pixels with K and L being positive integers, respectively, and the contour image consists of a plurality of contour pixels, the contour pixels representing pixels located on the contour, said apparatus comprising :

a first and a second contour coding units (200 & 300) for coding the contour image by using a first and second contour coding methods to thereby provide first and second coded contour data, respectively, the first coded contour data being capable of representing the contour image more precisely than the second coded contour data;

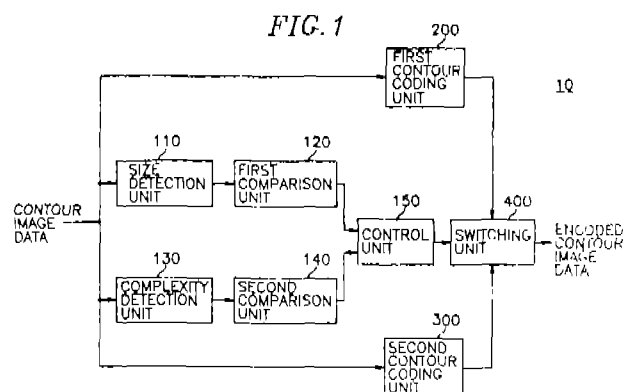
a size detection unit (110) for detecting the number of contour blocks, each of the contour block including one or more contour pixels therein;

a first comparison unit (120) for comparing the number of contour blocks with a first predetermined threshold value;

a complexity detection unit (130) for calculating curvatures of the contour at selected contour pixels to thereby determine a mean curvature based on the calculated curvatures wherein a curvature of the contour at a selected contour pixel denotes an angle change between two lines that pass therethrough, each of the two lines being drawn through said selected contour pixel and another contour pixel located a predetermined number of contour pixels away therefrom in one direction along the contour;

a second comparison unit (140) for comparing the mean curvature with a second predetermined threshold value; and

a control unit and a switching unit (150 and 400) for selecting the first coded contour data if the number of the contour blocks is smaller than the first predetermined threshold value and the mean curvature is greater than or equal to the second predetermined threshold value and selecting the second coded contour data if otherwise, to thereby provide the selected coded contour data as encoded contour image data.



(Compl. Specn. : 13 Pages.

Drgn. Sheets : 3)

Ind. Cl. : 187 d.

188129

Int. Cl.⁴ : G 01 R—31/08.

A CIRCUIT ARRANGEMENT FOR PREVENTING A TELEPHONE INSTRUMENT FROM COUPLING AN ELECTRICAL ELEMENT IN CIRCUIT WITH THE TELEPHONE LINE.

Applicant : HARRIS CORPORATION OF 1025 NASA BLVD, MELBOURNE, FLORIDA-32919, UNITED STATES OF AMERICA.

Inventor : WALANCE B. ROBERT.

Application No. 304/Cal/96 filed on 19.2.96.

(Convention No. 08-407,878 filed on 20.3.95 in USA)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata.

16 Claims

A circuit arrangement for preventing a telephone instrument from coupling an electrical element in circuit with the telephone line, said telephone instrument being connectable to a telephone line and has the capability of coupling said electrical element in circuit with said telephone line, said electrical element if placed in circuit with said telephone line during the transmission of digital data signals thereover, causing said digital data signals to be degraded, said circuit arrangement comprising

a data detector 40 which monitors said telephone line for the presence of digital data signals thereon;

a DC voltage detector (70) which monitors said telephone line for the presence of a prescribed minimum DC voltage thereon;

a control unit (100) which is coupled to said data detector and said DC voltage detector, and is operative to normally disable the capability of said telephone instrument to couple said electrical element in circuit with said telephone line, but which is operative, in response to said data detector detecting the absence of digital signals on said telephone line;

a controlled switch circuit (80) being provided and installed in a connection path between said telephone line and said electrical element;

a control gate circuit coupled to the outputs of said controller;

a ring detector coupled to said controller and said DC voltage detector detecting the presence of said prescribed minimum DC voltage on telephone line, to enable the capability of said telephone instrument to couple said electrical element in circuit with said telephone line.

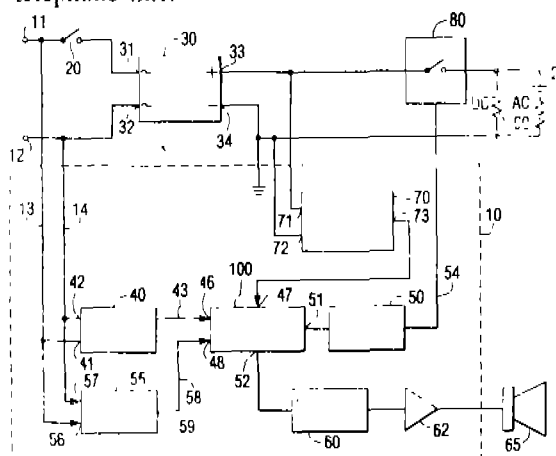


FIG. 1

(Compl. Specn. : 27 Pages.

Drgn. Sheets : 3)

Int. Cl. : 49 G/49 A/49 E XV(T).

188130

Int. Cl.⁴ : A 21 B 5/00 A 47 J 37/01.

A DEVICE FOR MAKING PIZZA HAVING AN IMPROVED SCREEN AND A METHOD OF MANUFACTURING THE DEVICE.

Applicant : RAJENDRA PRASAD SHARMA OF 1965 TANGLEWOOD DR. GLENVIEW, IL 60025, UNITED STATES OF AMERICA SAMPATH RAMESH OF 1935 TANGLEWOOD DR. NO. C GLENVIEW, IL 60025, UNITED STATES OF AMERICA.

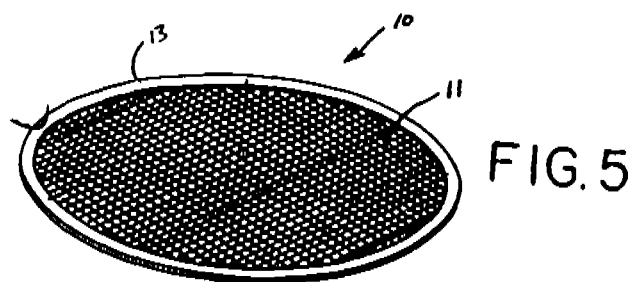
Inventor(s) : 1. RAJENDRA PRASAD SHARMA, 2. SAMPATH RAMESH.

Application No. 1438/Cal/96 filed on 12.8.96.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata.

05 Claims

A device for making pizza having an improved pizza screen (10) characterized in that said screen (11) is provided with a unitary endless band (13) about its perimeter (12) and said band (13) has a first edge (16) and second edge (17) disposed parallelly adjacent to the top (11a) and bottom (11b) of screen respectively.



(Compl. Specn. : 11 Pages.

Drgn. Sheets : 35)

Ind. Cl. : 40 B.

188131

Int. Cl.⁴ : B 01 J 37/00

A PROCESS FOR THE PREPARATION OF FCC CATALYST FOR USE IN PETROLEUM REFINING.

Applicant(s) : 1. INDIAN INSTITUTE OF TECHNOLOGY, IIT PO, MADRAS-600036, TAMIL NADU, INDIA, AN AUTONOMOUS BODY SET UP BY THE GOVERNMENT OF INDIA UNDER AN ACT OF PARLIAMENT AND

2. MADRAS REFINERIES LIMITED 552 ANNA SALAI, MADRAS 600018, TAMIL NADU INDIA, AN INDIAN COMPANY.

Inventor(s) : 1. BALASUBRAMANIAN VISWANATHAN, 2. CHANDRASEKHARA PILLAI NARAYANA PILLAI, 3. CUNCHALA SUBRAMANYA SWAMY, 4. JOSEPH CHINGAMPARAMBIL KURIAKOSE, 5. VENKATARAMAN SRINIVASAN, 6. ARUNACHALAM MEENAKSHI SUNDARAM.

ALL INDIAN NATIONALS.

Application No. 159/Mas/95 filed on 13.2.95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

5 Claims

A process for the preparation of FCC catalyst for use in petroleum refining comprising the steps of preparing 20% to 35% of a binder consisting of a buffer solution of acidic alum to which sodium silicate solution is added under stirring, while maintaining the pH of the solution between 2.8 and 3.2; adding 40% to 70% of a clay of kaolinite structure, such as, raw BCK (best coating kaolin) clay dispersed in water thereto, under stirring; further adding 15 to 35% of CREY (calcined rare earth exchanged Y zeolite), while homogenizing the slurry by vigorous stirring, the said slurry being spray dried thereafter.

(Compl. Specn. : 6 Pages.

Drgn. Sheet : Nil)

Ind. Cl. : 127 B.

188132

Int. Cl.⁴ : F 16 C 3/00.**A DRIVE SHAFT ASSEMBLY AND METHOD OF MANUFACTURING SAME.**

Applicant : DANA CORPORATION, A U.S. CORPORATION, A 4500 DORR STREET, TOLEDO, OHIO-43615, U.S.A., A U.S. CORPORATION.

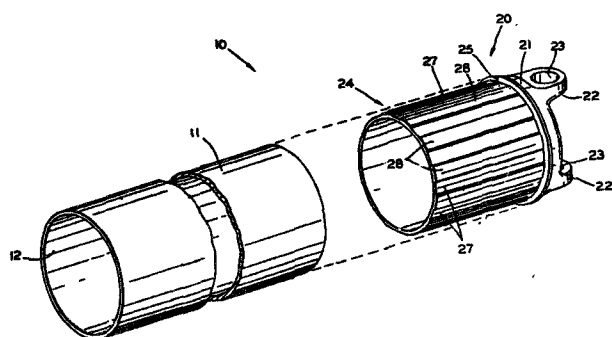
Inventor : JAMES A. DUGGAN, (USA).

Application No. 175/Mas/95 dated February 15, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

21 Claims

A drive shaft assembly comprising a hollow drive shaft tube having an open end and an inner surface defining an inner dimension; an end fitting with a sleeve portion having an outer surface defining an outer dimension which is slightly larger than said inner dimension, said outer surface having at least one channel formed therein, said sleeve portion being disposed within said drive shaft tube; and an adhesive material provided in said channel between said outer surface of said sleeve portion and said inner surface of said shaft to form an adhesive bond therebetween.

**FIG. 1**

(Compl. Specn. : 14 Pages.

Drgn. Sheets : 2)

Ind. Cl. : 48 D 4.

188133

Int. Cl.⁴ : H 02 G—3/26.**AN APPARATUS FOR PROTECTING LINES.**

Applicant(s) : W. H. DUNN & SON LIMITED BRITISH COMPANY OF SMISBY ROAD ASHBY-DE-LA-ZOUCH, LEICESTERSHIRE LE6 5UR, ENGLAND.

Inventor : I. DENNIS ALFRED KIRTLAND.

Application No. 184/Mas/95 filed on 16.2.1995.

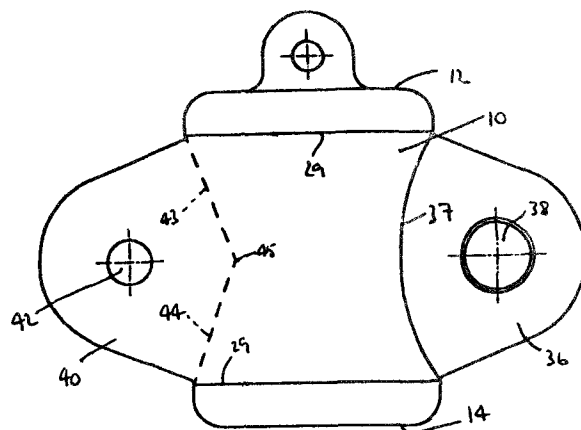
Convention No. 9403744.7 on 26th Feb. 1994, UK.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

14 Claims

An apparatus for protecting lines such as herein described, said apparatus comprising means defining at least one open topped channel in which a line can locate, each side of the

channel having a substantially planar inwardly facing surface, and having a substantially planar outer surface which has a width towards a base of the channel and substantially the same width towards the entrance thereof to enable the line to locate in the channel substantially over the width of the channel sides, at least a first of the channel sides having means projecting inwardly of, and extending linearly, substantially over the width of said first side to define with the opposed side of the channel an entrance to the channel of a width less than that of the channel, and less than the respective dimension of the line, and one channel side being resiliently movable and a connection means being provided for connecting the apparatus to an adjacent apparatus to form an articulated arrangement.



(Compl. Specn. : 16 Pages.

Drgn. Sheets : 4)

Ind. Cl. : 34 A.

188134

Int. Cl.⁴ : D 0 1D 5/084**METHOD AND APPARATUS FOR PRODUCING A SYNTHETIC FILAMENT YARN.**

Applicant(s) : BARMAG AG, A GERMAN COMPANY OF LEVERKUSER STRASSE 65, 42897 REMSCHEID GERMANY.

Inventor : I. HEINZ SCHIPPERS.

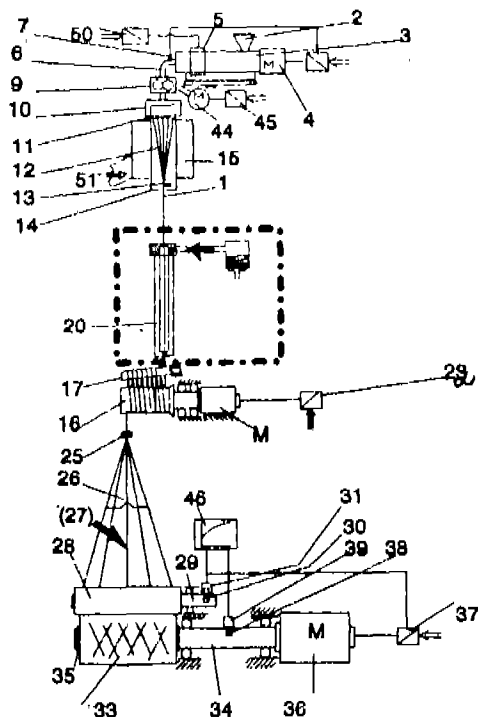
Application No. 245/Mas/95 filed on 28.2.95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

18 Claims

A method of producing a synthetic filament yarn comprising the steps of extruding a polymeric material so as to form a plurality of advancing filaments, gathering the extruded filaments so as to form an advancing yarn, guiding the advancing yarn through an elongate heating chamber and applying heated water vapor to the advancing yarn.

immediately prior to its entry into the heating chamber so that the water vapor condenses on the yarn as it enters into the heating chamber.



(Compl. Specn. : 21 Pages.

Drng. Sheets : 5)

Ind. Cl. : 10—E & F; 29-A.

188135

Int. Cl.⁴ : F 42 B 27/00; 27/10.

A TRAINING AID FOR GRENADE LOBBING.

Applicant : ZEN TECHNOLOGIES AND COMPUTERS LIMITED, 135, CHANDRALOK COMPLEX III, PARADIS, SECUNDERABAD-600 003, ANDHRA PRADESH, INDIA, AN INDIAN COMPANY.

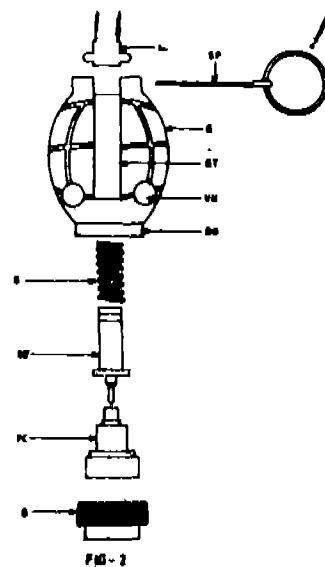
Inventor(s) : 1. MIDATHALA RAVI KUMAR, (INDIA),
2. ATLURI KISHORE DUTT, (INDIA).

Application No. 246/Mas/95 dated February 28, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

10 Claims

A training aid for grenade lobbing comprising a shell body (G) provided with vent means (VH) and a base opening (BO), a closure means (B) for the said base opening (BO), a cartridge (PC) mounted on the said closure means (BC), activating means (ST) for activating the said cartridge (PC), an actuating means (SL) for the said activating means, and means for holding the said activating and actuating means in position.



(Compl. Specn. : 9 Pages.

Drng. Sheets : 2)

Ind. Cl. : 16D-B.

188136

Int. Cl.⁴ : F 41 F 27/00, F 42 B 5/00,
G 09 B 9/00.

A DEVICE FOR TRAINING PERSONNEL IN SMALL ARMS.

Applicant : ZEN TECHNOLOGIES AND COMPUTERS LIMITED, 135, CHANDRALOK COMPLEX III, PARADISE, SECUNDERABAD-600 003, ANDHRA PRADESH, INDIA, AN INDIAN COMPANY.

Inventor(s) : 1. MIDATHALA RAVI KUMAR, (INDIA),
2. ATLURI KISHORE DUTT, (INDIA).

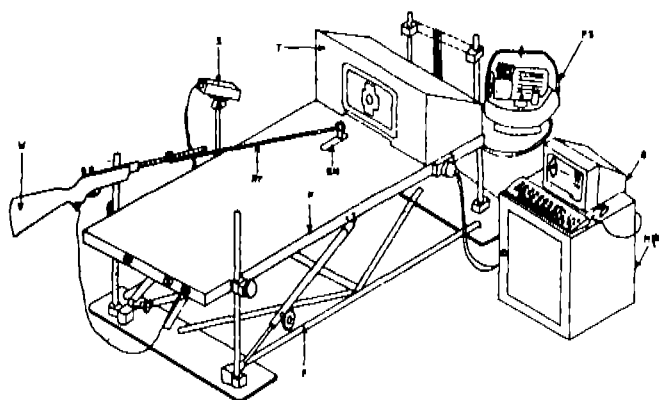
Application No. 247/Mas/95 dated February 28, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

9 Claims

A device for training personnel in small arms comprising a platform (P) having a weapon module (W) mounted thereon, a recoil module (RM) connected to the said weapon module (W), a target system (T) displaying a target mounted on the said platform (P), a sensor (S) focused to the said target, a pneumatic system (PS) connected to the said recoil module (RM) and target system (T) for measuring recoil and target aim data when the weapon module (W) is fired and an instructor module comprising a computer (MF) and a display unit (D) programmed to correlate and display the

data received from the sensor (S), pneumatic system (PS) and weapon module (W).



(Compl. Specn. : 8 Pages.

Drgn. Sheet : Nil)

Ind. Cl. : 29-A & 206-E.

188137

Int. Cl.⁴ : G 11 B 21/00.

A ROTATABLE ARMSET OF AN ACTUATOR HAVING A BORE.

Applicant : BRUSH WELLMANN INC., 17876 ST. CLAIR AVENUE, CLEVELAND, OHIO 44110, U.S.A., A CORPORATION OF THE STATE OF OHIO.

Inventor(s) : 1. JAMES M. MARDER (U.S.A.), 2. WARREN J. HAWS, (U.S.A.).

Application No. 264/Mas/95 dated March 07, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

11 Claims

A rotatable armset of an actuator having a bore (38) for rotating about a spindle of a disk drive (10) for positioning a transducer (17) radially across a disk (12) of the disk drive (10) characterized in that the armset is a laminate comprising of multiple layers, each made of magnesium alloy containing 1% to 99% by weight of beryllium, the balance being magnesium.

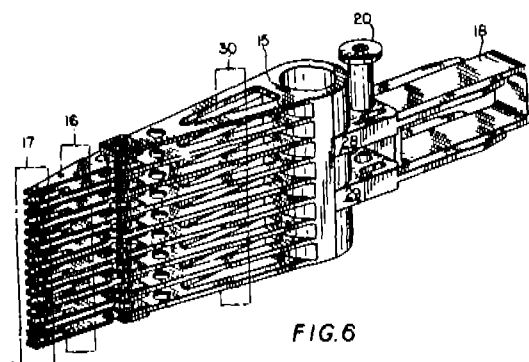


FIG. 6

(Compl. Specn. : 19 Pages.

Drgn. Sheets : 4)

Ind. Cl. : 128-G.

188138

Int. Cl.⁴ : A 61 F 5/47.

AN INTRA-UTERINE CONTRACEPTIVE DEVICE.

Applicant : WILLEM ARTHUR ADRIAAN VAN OS, DUTCH NATIONALITY, & INVENTOR : L'ESPERANZA, 17, RUE BOSIO, 98000 MONACO.

Application No. 274/Mas/95 dated 8.3.1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

8 Claims

An intra-uterine contraceptive device comprising at least two flexible arms (b), extending from a central point (a) characterized in that the tips of the flexible arms, which are solid, are directed toward the fundus, whereby the arms (b) from the central point (a) to about the massive tips (8) along the front and back are provided with cavities (7) while the central point (a) is provided with a flexible thread (10) surrounded by the means acting as contraceptive, while the thread is provided with a holding device for the means acting as contraceptive.

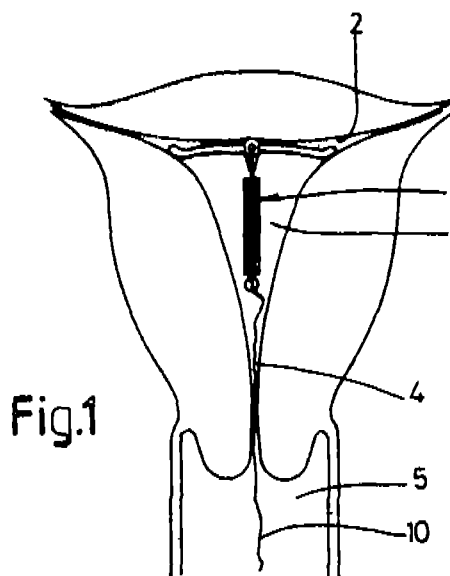


Fig.1

(Compl. Specn. : 11 Pages.

Drgn. Sheet : 1)

Ind. Cl. : 40 F.

188139

Int. Cl.⁴ : C08C 2/02; C08F 6/00; F28D 9/00; F28F 13/08.

AN IMPROVED POLYMER DEVILITALIZATION APPARATUS.

Applicant : THE DOW CHEMICAL COMPANY, 2030 DOW CENTER, ABBOTT ROAD, MIDLAND, MICHIGAN 48640M U.S.A., A U.S. COMPANY.

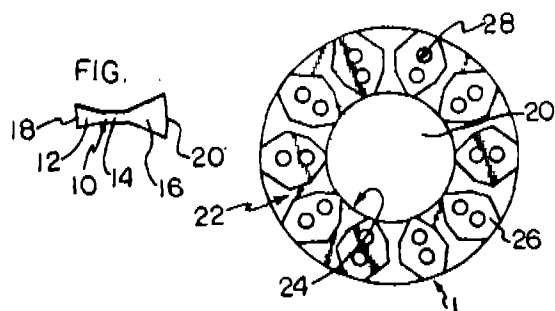
Inventors : 1. CLARK J. CUMMINGS, (U.S.A.) & 2. BERNARD J. MEISTER, (U.S.A.).

Application No. 282/Mas/95 dated March 09, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

5 Claims

An improved polymer devitalization apparatus comprising a flat plate heater (1) comprising a polymer solution supply means (20), a liquid/vapor collection and separation means, a multiplicity of flat plates (22) defining a plurality of channels (10), having a substantially uniform height but varying width over the total channel length, each said channel (10) comprising a first zone (12), having a beginning and a terminus, said beginning in operative communication with the polymer solution supply means, having decreasing width as a function of distance from its beginning, a second zone (14) having a beginning at the terminus of the first zone and a terminus, having at least one occurrence of a restrictive cross-sectional area, and a third zone (16) having a beginning at the terminus of the second zone and terminating at a liquid/vapor collection and separation region (4) operating at reduced pressure, said third zone having increasing width as a function of distance from its beginning, wherein the ratio of maximum width of the third zone to the minimum width of the second zone is from 2:1 to 20:1.



(Compl. Specn. : 18 Pages. Drgn. Sheets : 2)

Ind. Cl. : 40F. 188140

Int. Cl.⁴ : C 22 B 13/02.

A METHOD AND AN APPARATUS FOR MANUFACTURING SOLDER FROM DROSS.

Applicant(s) : APPLE HOUSE ELECTRONICS LTD., A BRITISH COMPANY, OF UNIT 8, TALISMAN BUSINESS CENTRE DUNCAN ROAD, PARK GATE HAMPSHIRE, S031 7GA U.K.

Inventor : STEPHEN ANTHONY JOHNSON.

Application No. 328/Mas/95.

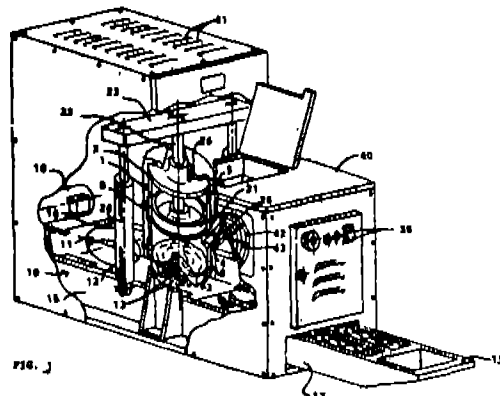
Convention No. 9405418.6 on 18th March, 1994, UK.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

17 Claims

A method of manufacturing solder from dross comprising the steps of : loading solder dross into a chamber, heating

the solder dross in the chamber to a temperature of at least substantially 225°C, comprising the solder dross in the chamber and recovering the solder in a known manner.



(Compl. Specn. : 12 Pages.

Drgn. Sheets : 3)

Ind. Cl. : 206 E.

188141

Int. Cl.⁴ : H 05 K 9/00.

A PROTECTION APPARATUS.

Applicant : RAYCHEM CORPORATION, A COMPANY ORGANIZED ACCORDING TO THE LAWS OF THE STATE OF DELAWARE, 300 CONSTITUTION DRIVE, MENLO PARK, CA 94025, U.S.A.

Inventors : 1. STEVE DIAZ, (USA), 2. DAVE HORSMA, (USA), 3. NARENDRA KULKARNI, (USA)—INDIAN NATIONAL, 4. PETER LUNDQUIST, (USA) 5. AKIRA NAKAZATO, (USA)—JAPAN NATIONAL, 6. NELSON SHEN, (USA) 7. PAUL VON DER LIPPE, (USA).

Application No. 348/Mas/95 dated March 22, 1995.

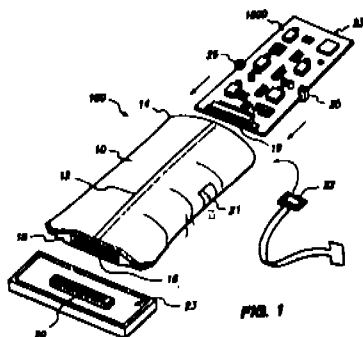
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

13 Claims

A protection apparatus for an active electronics circuit (23,100) comprising :

- a) an active electronic circuit board (23,100); and
- b) a packaging (100), comprising :
 - (i) a flexible environmental gas and liquid barrier (10) completely sealed around the entire circuit board (23,100); and
 - (ii) an interconnection device (18,302) sealed to the barrier (10) and also permitting the connection

of the circuit board (23,1000) into an electronics system outside the packaging.



(Compl. Specn. : 25 Pages.

Drgn. Sheets : 18)

Ind. Cl. : 13 A, 189.

188142

Int. Cl.⁴ : A 45 D 40/04.

A REFILLABLE CONTAINER FOR APPLYING A SPREADABLE PRODUCT.

Applicant(s) : HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, A COMPANY ORGANIZED AND EXISTING UNDER LAWS OF FEDERAL REPUBLIC OF GERMANY 40191 DUSSELDORF GERMANY & OTHERS.

Inventor(s) : 1. BERND W. PETERS, 2. MARIE-CLAUDE BOSSERT; 3. JOHANNES HUBERTUS JOZEF MARIA KELDERS & 4. ROY EDWIN VAN SWIETEN.

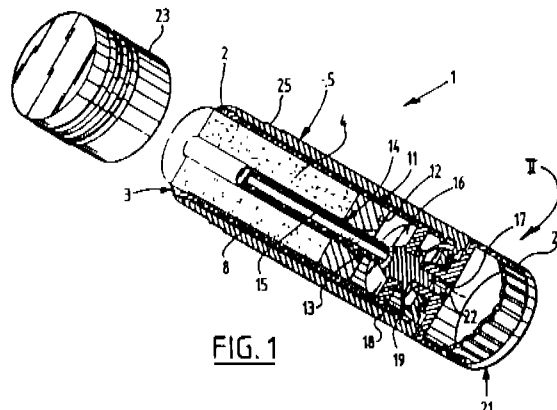
Application No. 380/Mas/95, Filed on 28 Mar 95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A refillable container for applying a spreadable product (4), such as an adhesive, comprising an inner tube (3) open at least one of its ends (2) which contains the spreadable product (4), the said inner tube (3) being removably mounted in an outer tube (5) comprising a plunger (12) designed to be penetrated by a screwthreaded spindle (15), and means (6) for securing the inner tube (3) in the outer tube (5), the screwthreaded spindle (15) and the plunger (12) forming cooperating means (11,14) for applying the spreadable product (94) and the spreadable product (4) being longitudinally displaceable inside the container (1) with no change in the positions of the outer and inner tubes (5;3) relative to one another through rotation of the screwthreaded spindle (15), which engages in a screwthread (13) formed within the plunger (12), by means of an actuating element (21), more particularly a hand-operated knurled nut (20), located outside the outer tube (5), characterized in that the screwthreaded spindle (15) is rotatably fixed to the inner tube (3) in a position in which it penetrates through the plunger (12) and comprises a connecting part (917) which, in particular, projects from the inner tube (93) and which is

designed to be releasably, but non-rotatably coupled to a corresponding connecting part (41) of the actuating element (21).



(Compl. Specn. : 24 Pages.

Drgn. Sheets : 7)

Ind. Cl. : 32-C; 88-C&D 173-A.

188143

Int. Cl.⁴ : B 01 D 53/34.

GAS-LIQUID CONTACTING APPARATUS.

Applicant : 1. MITSUBISHI JUKOGYO KABUSHIKI KAISHA, OF 5-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

(2) OHJI RUBBER & CHEMICALS CO., LTD., OF 1-6, KATSUMA 2-CHOME, HOFU-SHI, YAMAGUCHI-KEN, JAPAN; BOTH ARE JAPANESE CORPORATIONS.

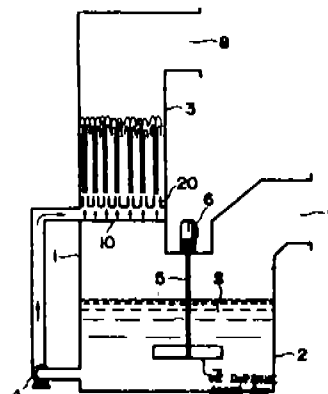
Inventor(s) : 1. MAKIICHI ISHIHARA, (JAPAN), 2. TAKAKAZU SUNADA, (JAPAN), 3. SHIGEO HASEGAWA, (JAPAN), 4. TORU TAKASHINA, (JAPAN), 5. YUKIO KITA, (JAPAN), 6. KOUICHIRO IWASHITA, (JAPAN), 7. KOUSUKE YAMASHITA, (JAPAN), 8. JUNJI OZAKI, (JAPAN), 9. KANAME KANESHIGE, (JAPAN), 10. NAOHIKO UKAWA (JAPAN).

Application No. 386/Mas/95 dated March 29, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A gas-liquid contacting apparatus in which spray nozzles for spraying slurry solution upward are arranged in a tower body through which gas passes, wherein a liquid inlet portion of said spray nozzle is of a bell shape having a radius of curvature of 0.2 times or more of the diameter of a liquid discharge port of said spray nozzle.



(Compl. Specn. : 30 Pages.

Drgn. Sheets : 7)

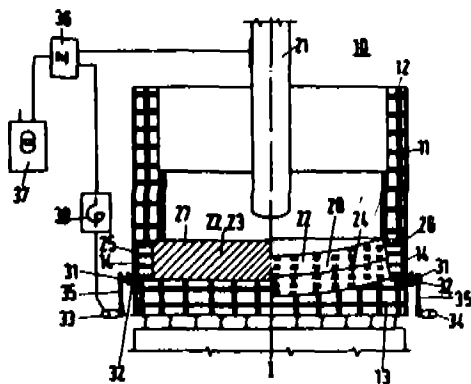
Ind. Cl. : 9 D.

188144

Int. Cl.⁴ : C 21 G 5/52, F 27 B 3/08,
H 05 B 7/06.**A SYSTEM HAVING A METALLURGICAL VESSEL
HEATED BY DIRECT CURRENT.**Applicant : MANNESMANN AKTIENGESEL-
LSCHAFT MANNESMANNUFER 2 D-40213
DUSSELDORF GERMANY. A GERMAN COMPANY.

Inventor(s) : 1. HEINZ STARK, 2. HERIBERT KONIG.

Application No. 400/Mas/95 filed on 03-04-1995.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules, 1972), Patent Office, Chennai Branch.**17 Claims**A system having a metallurgical vessel heated by direct
current, comprising :a metallic jacket lined with a refractory material, said
metallic jacket having a refractory side wall and a refractory
bottom forming said metallurgical vessel;a bottom electrode located within said metallurgical vessel
adjacent to the refractory bottom and below the refractory
side wall, wherein said bottom electrode is made of an
electrically conducting refractory material;a plurality of metallic plates surrounding and in contact
with a periphery of said bottom electrode from which air is
excluded; andcurrent rods extending radially outward from each of
said plurality of metallic plates through said metallic jacket
and out from said metallurgical vessel, wherein said plurality
of plates and said current rods are separated from said
metallic jacket by an electrical insulation.

(Compl. Specn. : 13 Pages.

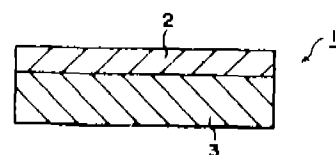
Drngn. Sheets : 2)

Ind. Cl. : 143 D4 & 23 H.

188145

Int. Cl.⁴ : B 32 B 27/00, B 65 D 65/00.**BAG FOR PACKAGING HEAVY MATERIALS.**Applicant : MITSUI CHEMICALS INC., A JAPANESE
COMPANY, 2-5, KASUMIGASEKI 3 CHOME,
CHIYODA-KU, TOKYO, JAPAN.Inventor(s) : 1. TAKASHI MATSUNAGA, (JAPAN), 2.
TOSHIHIRO NISHIMURA, (JAPAN), 3. HIROSHI INOUE,
(JAPAN).

Application No. 426/Mas/95 dated April 06, 1995.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules, 1972), Patent Office, Chennai Branch.**7 Claims**A bag for packaging heavy materials made of a multi-
layer laminated film comprising an outermost layer of a
polyethylene film containing an inorganic filler such as
herein described in an amount of from 20 to 80% by weight
and an innermost layer of polyethylene film containing an
inorganic filler in an amount of from 10 to 40% by weight,
the outermost layer having on the surface thereof a
coefficient of static friction of not smaller than 0.5, a
coefficient of dynamic friction of not larger than 0.5 and a
gloss of not larger than 50% at a measuring angle of 60°
and the content of the inorganic filler in the innermost layer
being from 1/2 to 1/6 of the content of the inorganic filler
in the outermost layer.**FIG. 1**

(Compl. Specn. : 29 Pages.

Drngn. Sheet : 1)

Ind. Cl. : 35-C.

188146

Int. Cl.⁴ : C 04 B 24/00.**A PROCESS FOR FORMING A LAYER OF A
CEMENTITIOUS COMPOSITION.**Applicant : MBT HOLDING AG., VULKANSTRASSE
110, CH 8048, ZURICH, SWITZERLAND, A SWISS
COMPANY.Inventor(s) : 1. DIPL. ENG. JOSEF FRANZ DRS.,
(SWITZERLAND), 2. DR. MAX OPPLIGER,
(SWITZERLAND), 3. DR. SALVATORS VALENTI,
(SWITZERLAND).

Application No. 434/Mas/95 dated April 10, 1995.

Convention Date : April 13, 1994; (No. 9407246.9; Great
Britain).Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules, 1972), Patent Office, Chennai Branch.**8 Claims**A process for forming a layer of a cementitious
composition on a substrate by spraying a fluid cementitious
composition on to the substrate through a spray nozzle, the
fluidity of said composition being caused to be reduced
rapidly by the addition thereto at the nozzle of an admixture

comprising an aqueous dispersion of at least one branched polymer which consists of a backbone polymer from which depend a number of branches (a "comb" polymer), the branches being carboxyl group-bearing moieties, the polymer being a solid at room temperature and having a molecular weight in excess of 20,000, a limited solubility in water, being at best dispersible (never completely soluble) therein, and highly soluble in alkaline media, wherein the aqueous dispersion additionally comprises an accelerator selected from at least one of aluminium hydroxide and aluminium hydroxysulphate.

(Compl. Specn. : 14 Pages.

Drgn. Sheet : Nil)

Ind. Cl. : 40-F.

188147

Int. Cl.⁴ : B 01 D 53/14.

WET TYPE FLUE GAS DESULFURIZATION APPARATUS.

Applicant : MITSUBISHI JUKOGYO KABUSHIKI KAISHA, A JAPANESE CORPORATION OF 5-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor(s) : 1. TAKU SHIMIZU, (JAPAN), 2. TSUYOSHI OHISHI, (JAPAN), 3. KOICHIRO IWASHITA, (JAPAN), 4. YOSHIKAZU ENDO, (JAPAN).

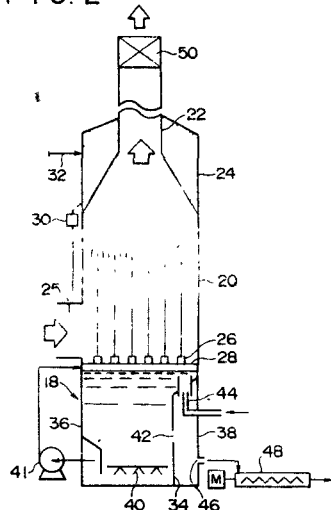
Application No. 469/Mas/95 dated April 19, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A wet type flue gas desulfurization apparatus in which desulfurization of flue gas is carried out through gas/liquid contact of the flue gas and an absorbent slurry, said apparatus comprising a combined absorber tower which comprises

FIG. 2



within a single body a liquid tank accommodating the absorbent slurry, thickening tank in which a product of reaction between the absorbent and SO₂ present in the flue gas becomes concentrated through settling, an absorption section which is situated over said liquid tank and in which desulfurization reaction takes place through gas/liquid phase contact of the flue gas and the absorbent slurry, nozzles provided near a lower end of said absorption section for spraying of the absorbent slurry in an upward direction, and a stack section situated over said absorption section serving for dispersing the treated flue gas into atmosphere.

(Compl. Specn. : 19 Pages.

Drgn. Sheets : 4)

Ind. Cl. : 12 D 4

188148

Int. Cl.⁴ : D 01 H 5/00.

A RING SPINNING MACHINE

Applicant : MASCHINENTAPRIK RIETER AG KLOSTERTRASSE 20 CH-8406 WINTERTHUR SWITZERLAND A SWISS COMPANY.

Inventor : 1. DR. STALDER HERBERT.

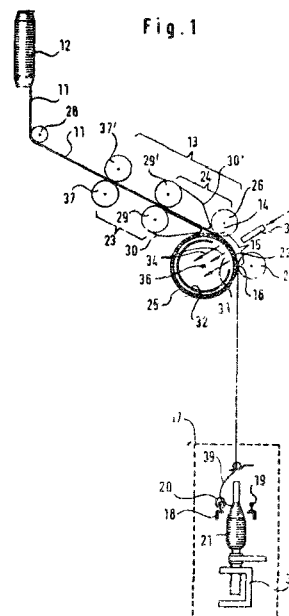
Application No. 479/Mas/95 filed on 20.4.1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A ring spinning machine comprising at least one multi-stage drafting system (13) fed from a roving bobbin (12); a connecting draft-free condensing stage (25, 26, 27) for condensing the already finally drafted by not yet twisted fibre band; a compact fibre strand (22) of not more than 1.5 mm wide, preferably less than 1mm wide; a twist inhibiting nip (16), terminating the condensing stage (25, 26, 27), between two rollers (25, 27) and a connected ring spinning device (17) for twisting and winding the compact fibre strand (22) emerging from the twist inhibiting nip (16) wherein the drafting system (13) has a total draft of 60 to 150-fold, in particular 70 to 120-fold.

Fig. 1



(Compl. Specn. : 9 Pages.

Drgn. Sheet : 1)

Ind. Cl. : 88-D.

188149

Int. Cl.⁴ : C 01 B 3/36.**A PROCESS FOR THE MANUFACTURE OF SYNTHESIS GAS.**

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., CARELVAN BYLANDTLAAN 30, 2596 HR THE HAGUE, THE NETHERLANDS, A COMPANY ORGANIZED UNDER THE LAWS OF NETHERLANDS, A RESEARCH COMPANY.

Inventor(s) : 1. JOHANNES TERMANUS MARIA DISSELHORST (THE NETHERLANDS), 2. FRITS EULDERINK (THE NETHERLANDS), 3. PETER OORTWIJN (THE NETHERLANDS), 4. JACOBUS ANTONIUS JOZEF SMIT (THE NETHERLANDS), 5. ENDRIK MARTINUS WENTINCK (THE NETHERLANDS).

Application No. 521/Mas/95 dated April 28, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

A process for the manufacture of synthesis gas by reacting oxygen containing gas, applied as oxidizer, hereafter called "X", moderator gas, hereafter called "M", and liquid, hydrocarbon-containing fuel, hereafter called "F" in a reaction zone of a substantially non-catalytic gas generator at a temperature in the range of from 1000°C to 1800°C and at a pressure in the range of from 01. Mpa to 12 Mpa abs, comprising steps of injecting the said fuel and the said oxidizer into the reaction zone through a multi-orifice (conical) burner comprising an arrangement of n separate passages or channels coaxial with the longitudinal axis of the said burner wherein n is an interger ≥ 3 (3, 4, 5...), wherein the (n-1) the passage is the inner passage with respect to the nth passage, measured from the longitudinal axis of the said burner, and wherein

F is passed through one or more of the passages, whereby at least 2 passages remain,

X is passed through one or more of the remaining passages, whereby at least 1 passage remains, and

M is passed through one or more of the remaining passages in such a way that any passage through which F is passed and any passage through which F is passed and any passage through which X is passed are separated by at least one passage through which M is passed.

(Compl. Specn. : 15 Pages.

Drgn. Sheet : Nil)

Ind. Cl. : 70 C4.

188150

Int. Cl.⁴ : C 25 D 3/00, HOIL 29/00.**A METHOD OF ELECTROPLATING METAL CONTACTS ON A P+N SEMICONDUCTOR DIODE****SUBSTRATE AND AN APPARATUS FOR CARRYING OUT THE SAID METHOD.**

Applicant : INDIAN INSTITUTE OF TECHNOLOGY, IIT P.O., MADRAS-600036, TAMIL NADU, INDIA, AN AUTONOMOUS BODY SET UP BY THE GOVERNMENT OF INDIA UNDER AN ACT OF PARLIAMENT.

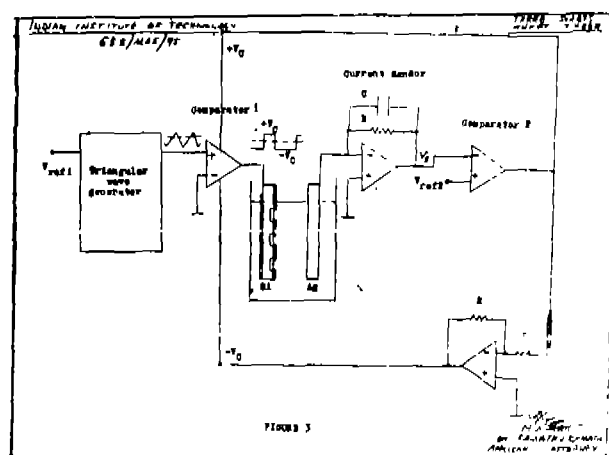
Inventor(s) : 1. SHREEPAD KARMALKAR & 2. DEVULAPALLI SRIDHAR.

Application No. 555/Mas/95 dated May 10, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A method of electroplating metal contacts on a p+n semiconductor diode substrate using an electrolytic cell, the said metal constituting the cathode of the cell wherein (1) during front plating, the substrate is immersed in a dilute electrolytic bath of the cell, to obtain a bath resistance of value greater than the resistance of the forward biased junction of the substrate, the portion of the back of the substrate, so immersed, being insulated and the cathode contact being taken from the unimmersed portion of the back of the substrate; an AC voltage of symmetric square waveform (50% duty cycle) is applied between the electrodes of the said cell, while maintaining a constant, low density, plating current, the frequency of the said voltage being lower than the reciprocal of the reverse recovery time of the diodes constituting the said substrate, and (2) during back plating, the substrate is immersed in an electrolytic bath, the cathode contact being taken from the unimmersed portion of the back of the substrate; and an AC voltage of symmetric rectangular waveform (less than 50% duty cycle) is applied between the electrodes of the said cell, while maintaining a constant, low density plating current.



(Compl. Specn. : 15 Pages.

Drgn. Sheets : 3)

Ind. Cl. : 32 C.

188151

Int. Cl.⁴ : C 12 P 21/00.**A PROCESS FOR THE PREPARATION OF A PROTEIN BY CULTIVATION OF EUKARYOTIC CELLS.**

Applicant : F HOFFMANN-LA ROCHE AG 124 GRENZACHERSTRASSE CH-4070 BASLE SWITZERLAND. A SWISS COMPANY.

Inventor(s) : 1. KARSTEN HELLMUTH, 2. RUAL LOPEZ-ULIBARRI, 3. ANNE FRANCOISE MAYER, 4. HEINRICH WINFRIED SCHLIEKER & 5. ADOLPHUS VAN LOON.

Application No. 2187/Mas/98 dated September 29, 1998.

Convention No. 97117021.2 on 1st October 97, Europe.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A process for the preparation of a protein by cultivation of eukaryotic cells wherein a known repressive substrate such as herein described is used as a carbon source, controlling said carbon source during the feeding phase in a known manner maintaining oxygen saturation continuously through out said cultivation step, and recovering said protein from the culture medium by known methods.

(Compl. Specn. : 13 Pages.

Drgns. Sheets : 2)

Ind. Cl. : 32-F_{2(b)} & 55-E₄.

188152

Int. Cl.⁴ : A 61 K 31/365.

C 07 D 201/02.

AN ENZYMATIC PROCESS FOR PREPARING β -LACTAM ANTIBIOTIC.

Applicant : DSM N.V., A DUTCH COMPANY, OF HET OVERLOON 1, 6411 TE HEERLEN, THE NETHERLANDS.

Inventor(s) : 1. THEODORUS JOHANNES GODFRIED MARIA VAN DOOREM, (NETHERLANDS, OF DUTCH NATIONALITY) 2. HAROLD MONRO MOODY, (NETHERLANDS OF GREAT BRITAIN) & 3. JOHANNA CHRISTINA MARIA SMEETS, (NETHERLANDS, OF DUTCH NATIONALITY).

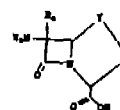
Application No. 2240/Mas/98 dated October 07, 1998.

(Convention No. 1007302; on 17th October 97, Netherlands).

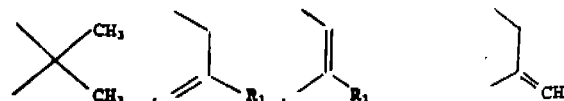
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

An enzymatic process for preparing a β -lactam antibiotic such as herein described wherein a β -lactam nucleus of formula I.



Where R_0 represents H or an alkoxy group having 1-3 carbon atoms, Y represents CH_3 , O, S or an oxidized form of sulphur and Z represents



Wherein R_1 represents H, OH, halogen, an alkoxy group having 1-5 carbon atoms, an alkyl group having 1 to 5 carbon atoms, a cycloalkyl group having 4-8 carbon atoms, an aryl or hetero aryl group having 6-10 carbon atoms, in which the groups may or may not be substituted with alkyl, aryl, carboxy, or alkoxy group having 1-8 carbon atoms and wherein the carboxylic group may be esterified, is subjected to enzymatic acylation with an acylating agent such as herein described, at a molar ratio of acylation agent/ β -lactam nucleus of less than 2.5, wherein, said acylating agent or said β -lactam nucleus are present in a dissolved concentration in the reaction mixture, said concentration being greater than the solubility of said acylating agent or β -lactam nucleus respectively at a temperature between 5 and 35°C and at a pH value between 3 to 9.5, and recovering, the β -lactam antibiotic produced from the reaction mixture in a known manner.

(Compl. Specn. : 35 Pages.

Drgn. Sheets : 8)

Ind. Cl. : 32-F_{3(a)}.

188153

Int. Cl.⁴ : C 07 C 49/403.**A PROCESS FOR MANUFACTURE OF TRANS-(R,P) ACTINOL.**

Applicant : F HOFFMANN-LA ROCHE AG, OF 124, GRENZACHERSTRASSE CH-4070, BASLE SWITZERLAND, A SWISS COMPANY.

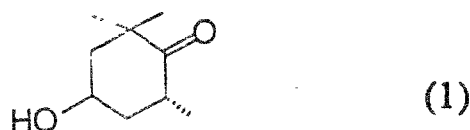
Inventors : 1. YVO CRAMERI, (SWITZERLAND) KURT PUNTENER, (SWITZERLAND) & 3 MICHELANGELO SCALONE, (SWITZERLAND)

Application No. 2492/Mas/98 dated November 5, 1998

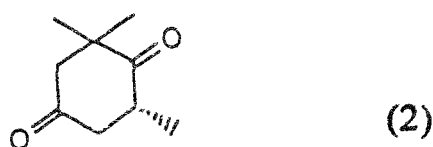
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch

12 Claims

1. A process for the manufacture of trans-(R,R)-actinol of formula (1)



by the diastereoselective transfer hydrogenation of levodione, which process comprises hydrogenating R-levodione of formula (2)



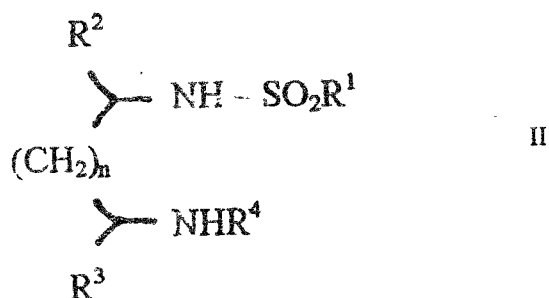
in the presence of a known hydrogen donor and an amino-amide-ruthenium complex of the general formula



wherein

Y signifies a known neutral ligand,

L signifies an optically active, monosulphonylated diamine of the general formula



R¹ signifies optionally mono-or multiply-fluorinated alkyl, alkenyl, alkynyl, cycloalkyl, optionally mono-or multiply-substituted aryl, heteroaryl or camphor-10-yl such as herein described;

R² and R³ each independently signify hydrogen, alkyl, cycloalkyl or optionally mono-or multiply-substituted aryl such as herein described or R² and R³ together with the associated grouping $-\text{CH}-(\text{CH}_2)_n-\text{CH}-$ form a carbocycle with 4 to 8 carbon atoms.

R⁴ signifies hydrogen or alkyl such as herein described and

n signifies 0,1,2 or 3 and recovering trans-(R,R) actinol in a known manner.

(Compl. Specn. : 26 Pages.

Drgn. Sheet : Nil)

Ind. Cl. : 17-C.

188154,

Int. Cl.⁴ : A 23 L 2/38.

A PROCESS FOR PRODUCING A MALTED BEVERAGE POWDER.

Applicant : SOCIETE DES PRODUITS NESTLE S.A., OF VAVEY, SWITZERLAND (A SWISS BODY CORPORATE).

Inventors : 1. CALY WILLIAM GUY (FRANCE), 2. HOLZ GAGG KATRIN (GERMANY), 3. GEROMINI OSVALDO (ITALY), 4. HECK ERNST (AUSTRIA) & 5. DEUTSCH ROMAN, (AUSTRIA).

Application No. 2605/Mas/98 dated November 18, 1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.
11 Claims

A process for producing a malted beverage powder, the process comprising : introducing malted beverage ingredients such as herein described, into an extruder, the malted beverage ingredients having a total moisture content of less than 9% by weight; heating the malted beverage ingredients in the extruder to a temperature sufficient to provide a molten mass but less than 150°C; extruding under pressure not exceeding 10,000 kpa the molten mass through one or more orifices to provide an expanded extrudate; cooling the expanded extrudate to stabilize the expanded structure of the expanded extrudate; and comminuting the expanded extrudate to powder.

(Compl. Specn. : 18 Pages.

Drgn. Sheet : Nil)

Ind. Cl. : 182 B.

188155

Int. Cl.⁴ : C 13 K 1/06.

A PROCESS FOR THE PRODUCTION OF SACCHARIDES.

Applicant : NOVOZYMES A/S A DANISH COMPANY OF KROGSHOLVEJ 56 DK-2880 BAGSVAERD DENMARK & STARCH MANUFACTURING CO. A US COMPANY 2200 E ELDORADO STREET, DECATUR ILLINOIS-62525 USA.

Inventors : 1. GIN CHAIN LIAW; (USA), 2. SVEN PEDERSEN (DENMARK) & 3. HANNE VANG HENDRIKSEN (DENMARK).

Application No. 2636/Mas/98 dated November 23, 1998.

(Convention No.08/979,673 & 09/107,657 on 26th November 97, USA. 30th June 98, USA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

A process for the production of saccharides such as herein described from starch, comprising (a) subject a liquefied

starch solution to more than one enzymatic saccharification stages at a temperature of above 60°C for 24-72 hours in the presence of a glucoamylase and optionally in the presence of a known debranching enzyme; and (b) subjecting said saccharification liquor from one of the saccharification stages to one or more known high temperature membrane separation steps of (c) re-circulation of the retentate from the high temperature membrane separation step (b) to a saccharification stage in the saccharification step (a) at which stage the saccharide content of the reaction mixture is not significantly lower than the saccharide content in the re-circulated retentate; and (d) recovering the permeate comprising said saccharides in a known manner.

(Compl. Specn. : 47 Pages.

Drgns. Sheets : 5)

Ind. Cl. : 32 F₁

188156

Int. Cl.⁴ : C 07 C 45/37 & C 07 B 39/00.

A CONTINUOUS PROCESS FOR THE SIMULTANEOUS PREPARATION OF PIVALOYL CHLORIDE AND AN AROYL CHLORIDE.

Applicants : ELF ATOCHEM S A A FRENCH BODY CORPORATE OF 4/8 COURS MICHELET 92800 PUTEAUX FRANCE.

Inventors : 1. CHRISTOPHE RUPPIN & 2. PHILIPPE CORBIERE.

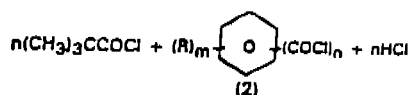
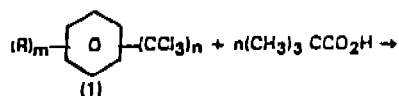
Application No. 2851 Mas/98 filed on 23.12.98.

Convention No. : 97 16326 on 23.12.97 France.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

19 Claims

A continuous process for the simultaneous preparation of pivaloyl chloride and an aroyl chloride of formula (2) by reaction, in the presence of at least one catalyst of Friedel-Crafts type, of pivalic acid with a trichloromethylated aromatic compound of formula (1) according to the reaction :



in which each R, which may be the same or different, represents a halogen atom, a linear or branched alkyl radical containing from 1 to 4 carbon atoms, a linear or branched alkyl radical containing from 1 to 4 carbon atoms or a—COCl radical, m represents 0, 1 or 2 and n represents 4, 2

or 3 and in which the —CCl₃ groups are situated on non-adjacent carbon atoms when n>1, which process comprises:

- simultaneously and continuously introducing pivalic acid, at least one trichloromethylated aromatic compound of formula (1) and at least one catalyst of Friedel-Crafts type into a reaction region and reacting them with stirring and under below atmospheric pressure at a temperature of between 60°C to 180°C.
- continuously separating the gaseous reaction products existing at the top of said reaction region from the unconverted reactants,
- partially condensing said gaseous reaction products to a liquid consisting of pivaloyl chloride and aroyl chloride of formula (2).
- washing the uncondensed gaseous reaction mixture therefrom containing gaseous hydrogen chloride countercurrently with a trichloromethylaromatic compound of formula I to remove hydrochloric acid therefrom,
- recycling said trichloromethyl aromatic compound of formula I from the washing region to said reaction region,
- continuously extracting a liquid mixture from the bottom of said reaction region which is subjected to reactive distillation in a known manner to separate and isolate pivaloyl chloride and the aroyl chloride therefrom in a known manner.

(Compl. Specn. : 22 Pages.

Drgn. Sheets : Nil)

Ind. Cl. : 32 F₂b.

188157

Int. Cl.⁴ : C 07 D 321/02.

A PROCESS FOR PRODUCING OPTICALLY ACTIVE AMINO ALCOHOL.

Applicants : JAPAN TOBACCO INC., OF 2-1 TORANOMON 2-CHOME, MINATO-KU, TOKYO 105-8-22 JAPAN, A JAPANESE COMPANY. AND AGOUR PHARMACEUTICALS, INC. OF 10350 NORTH TORREY PINES ROAD, SUITE 100 LA JOLLA, CALIFORNIA 92037, USA, A US COMPANY.

Inventors : 1. TAKASHI INABA, 2. SHOICHI SAGAWA, 3. HIROYUKI ABE.

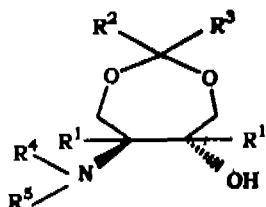
Application No. 54/Mas/99 filed on 14.1.99.

Convention No. 6836/1998 on 16.1.98, Japan.

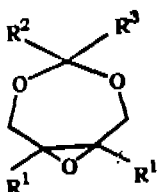
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

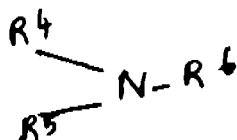
A process for producing an optically active amino alcohol compound of the formula [3].



Wherein R^1 , R^2 and R^3 are the same or different and each is a hydrogen atom, an optionally substituted lower alkyl, an optionally substituted aryl or an optionally substituted aralkyl, or R^1 and R^1 or R^2 and R^3 in combination form an optionally substituted ring; and R^4 and R^5 are the same or different and each is a hydrogen atom, an optionally substituted lower alkyl, an optionally substituted aryl, an optionally substituted aralkyl or an acyl, or R^4 and R^5 in combination form an optionally substituted ring, wherein said substituents are as herein described, together with the adjacent nitrogen atom, or R^4 and R^5 in combination form an imide group or an azide group together with the adjacent nitrogen atom, an enantiomer thereof or a salt thereof, comprising reacting in a known manner a mesoepoxide compound of the formula [1].



Wherein R^1 , R^2 and R^3 are as defined above, with a compound of the formula [2].



[2]

Wherein R^4 and R^5 are as defined above, and R^6 is a hydrogen atom or a silyl group, characterized in carrying out said reaction at a temperature range of 0—100°C in the presence of a mixed catalyst comprising a Lewis acid and a known proton donor and recovering said compound of formula [3] from the reaction mixture by known methods.

(Compl. Specn. : 31 Pages.

Drgn. Sheet : Nil)

Ind. Cl. : 83-A₁.

188158

Int. Cl.⁴ : A 23 L 1/16; 1/162.

A PROCESS FOR MANUFACTURING A FULL MOISTURE SHELF STABLE PASTA PRODUCT.

Applicant : SOCIETE DES PRODUITS NESTLE S A, OF VEVEY, SWITZERLAND, A SWISS BODY CORPORATE.

Inventors : 1. MEYER PHILLIP PAUL, (SWITZERLAND), 2. SCOVILLE EUGENE, (U.S.A.) & 3. JAELENGER GORAN, (SWEDEN).

Application No. 101/Mas/99 dated January 27, 1999.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A process for manufacturing a full moisture shelf stable pasta product which consists of preparing a mixture having a dry matter content of 60 to 75% and comprising a cereal flour or semolina and added water, extruding the mixture in a known manner, cutting the extruded pasta, portioning, blanching, water cooling, dipping into an acidified water, oiling, packaging and pasteurizing it in pack.

(Compl. Specn. : 14 Pages.

Drgn. Sheet : Nil)

Ind. Cl. : 83-A₁.

188159

Int. Cl.⁴ : A 23 L 1/168; 1/182.

A PROCESS FOR MANUFACTURING A FULL MOISTURE SHELF STABLE RICE PRODUCT.

Applicant : SOCIETE DES PRODUITS NESTLE S.A., A SWISS BODY CORPORATE, P.O. BOX 353, 1800 VEVEY, SWITZERLAND.

Inventors: 1. MEYER, PHILLIP PAUL, (SWITZERLAND), 2. HÄLDEN, JONAS PETER, (SWITZERLAND), 3. JAELENGER GORAN, (SWITZERLAND), 4. EHRENBURG EVA, (SWITZERLAND).

Application No. 129/Mas/99 dated February 02, 1999.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A process for manufacturing a full moisture shelf stable rice product, which comprises the steps of soaking whole grain rice in water at a rate of about one part of rice for one to four parts of water at 30 to 60°C for 30 min to 5h, portioning, blanching at 95—100°C for 1 to 10 min, water cooling, dipping into an acidified water at ambient temperature, oiling, packaging and pasteurizing it in packs.

(Compl. Specn. : 13 Pages.

Drgn. Sheet : Nil)

Ind. Cl. : 32-B.

188160

Int. Cl.⁴ : C 07 C 47/21.

PROCESS FOR THE MANUFACTURE OF CITRAL.

Applicant : F. HOFFMANN-LA ROCHE AG, OF 124 GRENZACHERSTRASSE, CH-4070 BASLE, SWITZERLAND, A SWISS COMPANY.

Inventors : WERNER BONRATH, (GERMANY).

Application No. 353/Mas/99 dated March 26, 1999.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A process for the manufacture of citral by the catalytic rearrangement of dehydrolinalool to citral which process comprises carrying out the rearrangement in the presence of 0.1—8 mol%, based on the amount of dehydrolinalool employed, of a molybdenum compound of the general formula



Wherein X signifies an acetylacetonate or halide ion, and a dialkyl or diaryl sulphoxide as the catalyst system, in the presence of an organic acid having a pK value in the range of 4.0 to 6.5, in an apolar aprotic organic solvent, and at temperatures in the range of 80°C to 140°C.

(Compl. Specn. : 15 Pages.

Drgn. Sheet : Nil)

OPPOSITION PROCEEDINGS.

An opposition has been entered by M/s. Bajaj Auto Limited, Pune to the grant of patent on Application No. 187155 (240/Cal/96) dated 9th February, 1996 made by M/s. Mitsuba Corporation, Japan.

PATENT SEALED ON 26.07.2002.

186577*F 186893* 186894 186921*D 186922*D 186923*D 186924*D 186925*F 186926*D 186927*D 186928*F 186929*D 186951 186956* 186958* 186959*D.

KOL—04, DEL—02, MUM—10, CHEN—NIL.

Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS.

The following designs have been registered. They are not open to inspection for period of two years from the date

of registration except as provided for in Section 17(1) of the design Act, 2000.

The date shown in the each entries is the date of registration included in the entries.

Class 25-01 No. 187358. BHP Steel (Ila) Pvt. Ltd. of 1, York Street, Sydney, New South Wales 2000, Australia, 24.05.2001. "METAL SECTION".

Class 08-06 No. 187551. American Standard International of 15, West 54th Street, New York, New York 10019. "HANDLE". 14.06.2001. South Korea.

Class 12-11 No. 187825. Honda Giken Kogyo Kabushiki Kaisha, of Japan, 1-1, Minamiaoyama 2-Chome, Minato-Ku, Tokyo "MOTORCYCLE". 17.07.01. Japan.

Class 02-04 No. 187217. Ess Aar Universal Pvt. Ltd. 303/1, Wadhwa Complex, Laxmi Nagar, Delhi-110092, India. "SHOE SOLE". 07.11.2001.

Class 15-09 No. 187261. M/s. Vikas Electricals, of 1, Darshak Diamond Estate, Nr. Arvind Estate, L.B. Shashtri Road, Bapunagar, Ahmedabad-380025. "LATHE". 12.11.2001.

Class 12-16 No. 187570. M/s. Techlab Autogas Pvt. Ltd. of 79/9, Kishan Garh, Vasant Kunj, New Delhi-110070, "VAPORISER". 14.12.2001.

Class 13-03 No. 187922 & 187921 Manoj Hansraj Gada of 7, Mehta Industrial Estate, I. B. Patel Road, Goregaon (E), Mumbai-400063. "DIMMER". 30.01.2002.

Class 13-03 No. 187914. Elle Electricals Pvt. Ltd. of 7, Mehta Industrial Estate, I. B. Patel Road, Goregaon (E), Mumbai-400063. "MODULE PATE". 30.01.2002.

Class 07-01 No. 188050. Jugal Kishore Khurana of Venus Industries of WZ-1, Basai, Najafgarh Road, New Delhi-110015. "BUCKET". 04.02.2002.

Class 07-99 No. 188056. Jugal Kishore Khurana of Venus Industries WZ-1, Basai, Najafgarh Road, New Delhi-110015. "BOTTLE OPENER". 04.02.2002.

Class 07-05 No. 188384 & 188385. M/s. Magppie Exports of Pd-4B, Pitampura, Delhi-110088. "SOAP DISPENSER". 11.03.2002.

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